

## **NOTICE**

**PREPARATORY TO AWARDDING ANY FUTURE DEVELOPMENT OF MAINTENANCE CONTRACTS FOR THIS SYSTEM, USER AGENCIES AND SUPPORTING PROCUREMENT ACTIVITIES MUST ASSURE SELECTED CONTRACTOR FIRMS AGREE TO AND DECLARE, IN WRITING, CONTRACT PERFORMANCE WILL BE LIMITED TO U.S. CITIZEN PERSONNEL ONLY. THIS IS A MANDATORY REQUIREMENT DUE TO THE MILITARILY CRITICAL TECHNOLOGIES AND TECHNICAL INFORMATION WITH UNIQUE MILITARY UTILITY ASSOCIATED WITH AFFECTED SOFTWARE AND SUPPORTING DOCUMENTS.**

## **DESTRUCTION NOTICE**

**DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF DOCUMENT.**

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# ***SUMMARY of CHANGE***

AISM 25-LA2-A09-AIX-DBDD

Central Issue Facility (CIF)

Data Base Design Description (DBDD) Manual

20 June 1999

This updated manual--

- ? Replaces previous versions of the Data Base Design Description (DBDD) manual prepared in accordance with (IAW) Department of Defense (DOD) documentation standards MIL-STD-498, which was canceled on 27 May 1998.
  - ? Follows the documentation standards contained in the Institute of Electrical and Electronics Engineers (IEEE)/Electronics Industries Association (EIA) standard, IEEE/EIA 12207, "Information Technology-Software Life Cycle Process".
  - ? Provides information needed to use the system effectively.
  - ? Provides a blank copy of DA Form 2028 (Recommended Changes to Publications and Blank Forms). This form is at the end of the manual and users may reproduce and use it to write corrections, additions, or comments about the manual. Users may also use it as a cover sheet to a marked up copy of the CIF DBDD.
  - ? Be advised that changes would be subject to approval by the Appropriate Subject Area Functional Proponent (SAFP).
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# **1 SCOPE**

## **1.1 IDENTIFICATION.**

The following is a full identification of the Central Issue Facility (CIF):

- a. Automated Information System (AIS) Identifier, which establishes the base functional components of a system: LA2
- b. System Identification Code (SIC) identifies the software tool methodology that the application is developed on: A09
- c. Title and Abbreviation: Central Issue Facility (CIF)
- d. Previously fielded Release/Version No.: 02.03/02.00
- e. Software Change Package (SCP) Release/Version No. being developed/ fielded: LA2-A09-02-03

## **1.2 DATABASE OVERVIEW.**

The purpose of the CIF database is to describe the database organization. The database provides detailed logical and physical information necessary to construct the parts of the CIF relational database. The relational database parts include records, tables' keys, views and associated directories, and diagrams.

The "cif" identifies the CIF database, which is a working database containing all CIF data elements required to support the CIF. Throughout CIF documentation the subject area database (SADB) is the working database.

The ISM Project has created new software applications (or upgraded existing ones) that automate standard procedures and integrate information used to manage army installations. The installation management functions performed determine whether software applications are modules. Deployed army-wide ISM comprises a uniform set of automated tools that assists installation commanders in effectively managing daily operations.

CIF is part of the ISM Project that is an army-wide Major Automated Information System (MAIS) initiative. The primary objective of ISM is to enhance, through automation, installation management functions. ISM applications consist of standard procedures packaged into functional applications that automate as well as integrate day-to-day installation processes. ISM applications use Installation Level Integrated Data Base (ILIDB). ILIDB is the central repository for data that is common to more than one ISM application. This data includes various local databases that contain data elements unique to the individual ISM applications.

ISM's operate at garrison locations and support functional managers use of ISM applications and data to manage resources under their control. ISMs perform the following major functions:

- ? Application-specific support to meet the information needs of installation functional activities and tenant units
- ? Command and staff reporting requirements via standard or ad hoc queries run against an application database or the ILIDB
- ? Information exchanged internally among installation functional activities and externally to echelons above installation levels, as well as to Standard Army Management Information Systems (STAMIS)

The purpose of the CIF ISM is to provide precise management of organizational clothing and individual equipment (OCIE) in a central issue facility. Benefits expected from using CIF

include improved overall property management, increased accuracy and timeliness of CIF information, and decreased administrative costs. CIF functions are computing and maintaining stockage levels, processing and documenting OCIE records, maintaining supply records, and preparing required reports.

### 1.2.1 Organizational and Personnel References.

The following organizations and personnel maintain a responsibility of interest in the ISM application.

- a. ISM Functional Proponent. The ISM Functional Proponent (FP) is the Office of the Director of Information Systems for Command, Control, Communications, and Computers (DISC4).
- b. Application Sponsor. The application sponsor is the Director of Management (DM) Office Chief of Staff, Army (OCSA).
- c. ISM/MISM FP. The ISM/MISM FP is the Office of the Director of Information Systems for Command, Control, Communications, and Computers (DISC4).
- d. Assigned Responsible Agency (ARA). The ARA for technical development, testing, fielding and maintenance of this ISM application is the Information Systems Engineering Command (ISEC).
- e. Point of Contact.

Organization: U.S.Army Information Systems Software Center  
Executive Software Systems Directorate  
Attn: AMSEL-RD-SE-IS-ESC, Stop H-6.  
Fort Belvoir, VA 22060-5576.

Point of Contact: Joanne Pinheiro  
Commercial Phone: (703) 806-4244

## 1.3 DOCUMENT OVERVIEW.

The DBDD manual objective for cif is to describe the design of cif database. The CIF database is a collection of related data stored in one or more computerized files. The files are stored so users or computer programs can access data via a database management system (dbms). The manual also describes the software units used to access or manipulate the data. The dbdd is used to implement the database and related software units. It also enables the user to observe the design and provides information needed for software support.

### 1.3.1 Security.

CIF does not store or process classified data. CIF data is designated as unclassified sensitive-two (US-2), as defined in Army Regulations (AR) 380-19, "Information Systems Security (ISS)," 01 May 1996. This data is "*For Official Use Only (FOUO)*", and prohibits unauthorized disclosure.

- a. Authorization. An explicit official authorization or an implicit authorization based on official assignments and/or responsibilities is required to access CIF.
- b. Disclosure. You must not disclose personal information contained in CIF except as authorized by AR 380-19.

### 1.3.2 Security Guidelines for Using CIF.

The following guidance is provided to help users operate the system in accordance with applicable

security provisions.

#### **1.3.2.1 Modifying or Viewing Data.**

Entering, modifying, deleting, or viewing CIF data is restricted to users who have explicit authorization to do so. System access is gained using a combination of login name, password, and access permission, which is determined by the system administrator. Only the persons to whom they were specifically assigned shall use Login names and passwords.

- a. Screens. Adjust your Video Display Terminal (VDT) screen so that any unauthorized person cannot view informational displays.
- b. Accuracy. Enter or modify data carefully and completely to avoid storing or transmitting erroneous or incomplete data.

#### **1.3.2.2 Protecting Information Sources.**

Safeguard all information input to or generated by the system against unauthorized use, copying, or destruction.

- a. Documents. Prevent unauthorized persons from viewing or accessing any documents, such as forms or manual files, by covering them or storing them in secure containers.
- b. Electronic Media. Label all electronic media, such as tapes or diskettes, and keep them in proper storage containers.

#### **1.3.2.3 Other Theft.**

This type of threat concerns the physical misappropriation of the computer containing the application program and its data bank/database. The system includes safeguards such as encryption of data elements, if appropriate, to prevent sensitive data from falling into the wrong hands by physical misappropriation of the system hardware.

#### **1.3.2.4 Service Interruption/Degradation.**

This type of threat is normally related to scheduled or unscheduled availability of the system to run the application as intended. The disruption may be due to power outages, environmental situations, etc. The system provides safeguards for restoring systems abnormally terminated/shut down.

#### **1.3.2.5 Human Errors of Commission and Omission.**

User carelessness or ignorance is responsible for this type of threat. The system provides safeguards by automatically performing edit checks for enumerated values, acceptable ranges, etc.

#### **1.3.2.6 Privacy Violations.**

This type of threat involves unauthorized release of personnel information protected under the Privacy Act of 1974, Section 5, United States Code 552a. Data elements identified as protected under the Privacy Act are safeguarded by the system through encryption, user access levels, or other controls as appropriate.

#### **1.3.2.7 Sabotage.**

An authorized user deliberately erasing or otherwise destroying system data files and/or back up file media must be prevented. The system periodically determines duration between system sessions and last system backup. The system also requires a backup to be generated if some predetermined

number of sessions has occurred without the operator voluntarily performing a backup operation. The backup ensures that at least three separate backup copies are maintained. The system cycles these copies interactively.

#### **1.3.2.8 Industrial/Military Espionage.**

This threat normally involves a former user gaining access to the system for personal benefit. The system provides safeguards to require inactive USERIDs to be deleted from the system. The system also requires periodic mandatory change of authorized user passwords.

#### **WARNING:**

IT IS A VIOLATION OF FEDERAL LAW TO ACCESS, COPY, OR OTHERWISE USE GOVERNMENT COMPUTER RESOURCES WITHOUT SPECIFIC AUTHORIZATION. EACH ACCESS IS SUBJECT TO RECORDING AND AUDITING.



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## 2 REFERENCED DOCUMENTS

### 2.1 PROJECT REFERENCES.

The following documents are helpful in understanding and performing the tasks described in this manual.

- a. Project Request. U.S. Army Automated Information System (AIS) Manual 25-LA2-A09-0SE-FD, "CIF Functional Description (FD)," 19 April 1993, UNCLAS and DALO-PLI Memorandum, Subject: CIF Automation Conference, 23 October 1989, UNCLAS.
- b. Project Documentation
  - (1) U.S. Army, AISM 25-LA2-A09-AIX-SUM, "Software User Manual (SUM)," UNCLAS.
  - (2) U.S. Army, AISM 25-LA2-A09-AIX-SCOM, "CIF Software Center Operator Manual (SCOM)," UNCLAS.
  - (3) U.S. Army, AISM 25-LA2-A09-SOL-SIP, "CIF Software Installation Plan (SIP)," UNCLAS.
- c. Hardware Documentation.
  - (1) IBM POWERstation and POWERserver - Diagnostic Information for Micro Channel Bus Systems, Version 4.2 - Part No. SA23-2765-01.
  - (2) IBM Adapters, Devices, and Cable Information for Micro Channel Bus Systems, Version 4.2 - Part No. SA23-2764-01.
  - (3) IBM 7012 Models 300 Series - Installation and Service Guide - Part No. SA23-2624-07.
  - (4) IBM 7012 Models 300 Series - Operator Guide - Part No. SA23-2623-05.
- d. Software Documentation
  - (1) MS-DOS User's Guide and Reference, Version 5.0/6.22.
  - (2) AIX Version 4.2 Quick Installation and Startup Guide.
  - (3) AIX Version 4.2 Installation Guide - Part No.SC23-2341.
  - (4) AIX Version 4 Getting Started - Part No.GC23-2521.
  - (5) AIX Version 4.2 System User's Guide: Operating System and Devices.
  - (6) AIX Version 4.2 System Management Guide: Operating System and Devices.
  - (7) AIX Version 4.2 Network Installation Management Guide and Reference.
  - (8) AIX Version 4.2, Information For Operation Retrieval/License System (iFOR/LS) System Management Guide.
  - (9) Oracle7<sup>TM</sup> for AIX-Based Systems Installation & Configuration Guide, Part No.A32105-1.
  - (10) Oracle7<sup>TM</sup> SQL\*Plus User's Guide and Reference, Version 3.1.
  - (11) Oracle7<sup>TM</sup> Server SQL Language Reference Manual, Part No. 778-70-1292.
  - (12) A Technical Introduction to the Oracle Server in the "Oracle7 Server Concepts Manual".

e. Standards or Reference Documentation

- (1) U.S. Army, AR 700-86, "Life Cycle Management of Clothing and Individual Equipment," 15 November 1990, UNCLAS.
- (2) U.S. Army, AR 725-50, "Requisitioning, Receipt, and Issue System," UNCLAS.
- (3) U.S. Army Material Command Catalog Data Activity (CDA) Pamphlet 18-1, "User-Level Code Reference Guide for the Army Retrieval Micro-form System (ARMS) Monthly Army Master Data File (AMDF) and I&S History File," 01 June 1991, UNCLAS.
- (4) U.S. Army, Tactical Army Combat Management Information System (TACMIS) ITP-WS-EUM (V24), "Version 3.0 Installation Transition Processing (ITP) System, Workstation End User Manual," November 1992, UNCLAS.
- (5) U.S. Army, Unit Supply Update - Issue Number 13, 31 January 1992, UNCLAS.

**2.2 TERMS AND ABBREVIATIONS.**

Section 6 defines the terms, abbreviations, and acronyms unique to this manual.

### **3 DATABASE-WIDE DESIGN DECISIONS**

#### **3.1 DESIGN DECISIONS.**

To satisfy CIF requirements, it is necessary to perform a variety of functions. These functions fulfill various objectives considered in designing CIF. Design decisions incorporating all necessary functions and related considerations were instrumental in the development of CIF to assure the system could use the database in the manner proposed. Among these functions and considerations are interactive responses, help text, error messages, input data, and outputs. These outputs include reports, response time to queries and updates, data storage capacity, system maintenance and data backups. CIF provides a series of interactive and detailed menus, which allow users to enter, change or review data necessary to support daily activities. Users may interactively access data through ad hoc queries using Structured Query Language (SQL) or standardized queries.

#### **3.2 DATABASE IDENTIFICATION.**

The CIF database is identified by “CIF” and it is a working database containing all CIF data elements required to support the CIF ISM. This working database is called the SADB throughout CIF documentation.

##### **3.2.1 Systems Using the Database.**

The CIF ISM is a stand alone system and is the only application that interfaces with the CIF SADB except for the Installation Level Integrated Database (ILIDB), which shares personnel information used among all the ISM. However, this does not preclude the possibility that future versions of the CIF SADB will interface with other ISM and Standard Army Management Information Systems (STAMIS).

##### **3.2.2 Relationship to Other Databases.**

CIF will supersede the current field systems that use either a manual paper tracking process, or in some instances “home-grown” automated systems.

#### **3.3 RDBMS.**

CIF is designed using a Relational Database Management System (RDBMS) that will:

- a. Allow installation-unique tables and attributes.
- b. Provide integration with other portions of the installation central data repository previously developed.
- c. Use data elements standardized IAW AR 25-9.

The data elements used for CIF are identified from the FD, the Structured Requirements Analysis Planning (STRAP) reports, the STRAP key-based data model, the Joint Application Development sessions, and the Prototyping sessions. Other sources include existing databases, reports, forms, user manuals, and other data stores maintained by the functional organization. These data elements are fully defined in the Army Data Dictionary (ADD), and Automated Dictionary Support System (ADSS).

##### **3.3.1 RDBMS Configuration.**

The “CIF” SADB is a relational database that may reside on any RDBMS that runs under the UNIX operating system environment and supports American National Standard Institute (ANSI) SQL. The “CIF” SADB is currently being implemented for UNIX using the Oracle7<sup>TM</sup>\* SQL RDBMS, Version 7.3.3.

##### **3.3.2 Hardware Configuration**

The “CIF” SADB will reside on Portable Operating System Interface for Computing Environments (POSIX) compliant hardware. The installation hardware being used consists of an IBM RISC/6000 Model 7012-300 series computer containing all hard drives, backup tape drives, the system board, Network Interface Cards (NIC), Random Access Memory (RAM), and necessary processors.

- a. Memory. The IBM RISC 6000 POWERstation and POWERserver System can be configured with as little as 64 megabytes (MB) or as much as 640 MB of 70 nanosecond (ns) RAM (in 64 MB increments). This RAM is based on industry standard 4 MB SIMM and proprietary RAM expansion boards which can be added at the factory or any time after delivery.
- b. Central processing unit (CPU). The IBM RISC 6000 POWERstation and POWERserver System can contain either two or four processors. These are the Reduced Instruction Set Computer (RISC) integer unit and floating point unit processors. For ITP purposes the 'four processor' configuration is being used.
- c. Bus. The IBM main processor bus is 64 bits wide with a bandwidth of 80 Mbps.
- d. Tape Device. An 8mm tape drive is required for the tape distribution of Oracle. The tape drive block size should be set to 512.
- e. Small Computer System Interface (SCSI) Devices. All SCSI-controlled peripheral devices, such as compact disk read only memory (CD ROM) drives, 8 millimeter (mm) tape drives, and 1/4 inch tape drives are connected directly to the SCSI subsystem. Internal SCSI drives are connected using the on-board SCSI port.
- f. Controller. SQL\*Net TCP/IP requires an adapter card that will support TCP/IP.

### 3.3.3 Database Software Utilities.

The following list of reference manuals gives detailed instructions on using Oracle7<sup>TM</sup> database software utilities.

- a. Oracle7<sup>TM</sup> for AIX-Based Systems Installation & Configuration Guide, Part No.A32105-1.
- b. Oracle7<sup>TM</sup> SQL\*Plus User's Guide and Reference, Version 3.1.
- c. Oracle7<sup>TM</sup> Server SQL Language Reference Manual, Part No. 778-70-1292.
- d. “A Technical Introduction to the Oracle7<sup>TM</sup> Server” in the “Oracle7<sup>TM</sup> Server Concepts Manual”.

### 3.3.4 Security.

The security of database components, such as user views of schema, is controlled by the Subject Area Functional Administrator (SAFA), who grants or denies access permissions using the CIF administration menu. The other levels of system security augment this application level.

## 3.4 INPUTS AND OUTPUTS.

CIF is to be used as an interactive application. This means that it is designed for access and use from a terminal. CIF gets data residing in the application's specific SADB; however, CIF may also retrieve input from the ILIDB. Initially, the majority of the data input will be from the end user. However, as users are added to the common SADB, more and more of the data needed would be provided. In regard to output, reports will require you to specify a range of dates to begin and end the report. This is also true with making queries. Other times, you will provide a Social Security Number (SSN) to locate specific information for an individual.

### **3.4.1 Inputs.**

CIF is able to receive input data via magnetic media (diskette or tape) or electronic data transfer, either on-line directly from another system or via modem and download.

### **3.4.2 Outputs.**

Production devices authorized to receive output will be determined by USERIDs and passwords. Output devices may be located within a Local Area Network (LAN) and will consist of various models of both line-system printers and personal computer "slave" dot-matrix/laser printers. Output will also be provided to 28.8, 14.4, 9.6, and 2.4 KBPS modems for transmissions to external system printers and screens. Output may also be provided to exportable magnetic media such as floppy diskette or cartridge tape.

### **3.4.3 Response to Inputs and Queries.**

Response time extends from the receipt of input data to the availability of products. CIF edits interactive transactions and update tables on-line. Both invalid codes and inconsistent data elements (transaction and resident) are corrected at the time of input. The data will then be immediately available to all processes and sub-processes.

- a. Response time to queries and updates.
  - (1) Queries and updates for data input/update on an individual record will have an immediate response time of not more than one second, ninety percent of the time. This response time is the target for a directly connected device, which is not to be confused with communication-related lag times, communication lags attributed to dial-ins, communication controllers, multiplexors (MUXs), concentrators, LANs, etc. This target response time is a database design requirement.
  - (2) Queries and updates on multiple records provide adequate response in not more than one second, ninety percent of the time. These transactions take place within an installation, assuming adequate application connectivity is in effect.

### **3.4.4 Interfaces.**

CIF interfaces with the ILIDB and to the Standard Installation/Division Personnel System (SIDPERS).

## **3.5 DATABASE/FILE APPEARANCE**

The data elements for CIF are integrated into a multifunctional database as part of the ISM-wide data architecture. By accessing this data architecture, each function within has a view of its data. This view will consist of multiple data elements that are contained in a row of one or more tables.

## **3.6 LABELING CONVENTIONS.**

The CIF SADB is identified as "CIF". Tables will have an owner identification of "CIF", and the table names will be identified uniquely depending on the data/function to which they are related.

### **3.7 ORGANIZATION OF THE DATABASE**

The “CIF” SADB has been designed using relational logic to reside on any RDBMS that runs under the AIX operating system version 4.2 environment and supports ANSI SQL. The current “CIF” SADB is implemented on Oracle7<sup>TM</sup> RDBMS version 7.3.3. Oracle7<sup>TM</sup> is an integrated multiuser package that can operate in a stand alone microcomputer environment.

#### **3.7.1 Physical Allocation**

The Systems Administrator (SA) determines the physical allocation of the database. Allocation is determined by physical disk space, number of transactions, and various performance needs.

### **3.8 DATABASE MANAGEMENT USED.**

The CIF ISM runs on any UNIX platform using SQL-compliant RDBMS.

#### **3.8.1 Flexibility.**

The CIF application design provides flexibility in five ways:

- a. CIF functions are independent of organizational structure. Functions are based on processes rather than people; therefore, it can easily withstand organizational structure changes. A principal design consideration will incorporate functional modularity to facilitate timely implementation and system maintenance. Additional items or functions will be added, or changes will be made to the existing support module, if necessary. An Automation Working Group (AWG) has been established and will function as a clearinghouse for major support module changes as well as a quality assurance group. The AWG will work closely with the ISM FP in his position as chairman of the ISM Configuration Control Board (CCB).
- b. The CIF functional design minimizes dependence on the technical environment. CIF was designed functionally to be as independent of the technical environment as possible. The technical environment (e.g., hardware, word processor software, DBMS) may change over time; the CIF functional design will not.
- c. CIF is table driven. Wherever practical, CIF maintains system parameters likely to change or vary between sites in reference tables.
- d. Flexibility at individual installations is achieved through data manipulation by those authorized access to the support module.
- e. As a system, CIF is designed to accommodate changes in requirements and/or its operating environment. During the design of this system, enhancements and changes in requirements have been incorporated periodically.

Because CIF is designed to use relational database technology, changes in structure and data are more easily accomplished. With this consideration in mind the system is designed with a maximum amount of flexibility so as to adapt to future changes quickly and easily.

### **3.9 SECURITY.**

The ISM Security Support Plan (SSP), in accordance with AR 380-19, Information Systems Security (ISS), and DOD 5200.28-STD, DOD Trusted Computer System Evaluation Criteria (TCSEC) categorizes the information processed by CIF as unclassified-sensitive two (US-2). This means that CIF processes unclassified information which must be protected primarily to ensure its availability or integrity. Care should be taken to ensure that passwords are protected and that access to information in the CIF system, or reports produced by it, are not disclosed improperly or

accidentally. Regulations require that each user be issued a unique USERID and password. All privileges of access and other authorization elements are associated with the USERID. The combination of user identification and accompanying authorizations are maintained in the USERID profile for each user.

A password is the protection mechanism by which the computer authenticates the user's identity and authorization to access information and functions as delineated in the USERID profile. CIF automatically denies any request for use of a privilege or access unless that USERID has been specifically granted that privilege or access. Users have access to all the information they are entitled to (by virtue of formal access approval) and no more. Access to CIF data is restricted to users that have at least "connect" permission to the "CIF" SADB or the ILIDB. Persons having Database Administrator (DBA) permission authority can grant any level of permission, such as "connect", "resource", or "DBA", to other users, so access to these user accounts is strictly controlled through security administration.

The information contained in this application is designated as unclassified sensitive-two (US-2). US-2 is unclassified information which primarily must be protected to ensure its availability and/or integrity. This information also requires protection from unauthorized personnel to ensure confidentiality. Examples of US-2 include information dealing with logistics, medical care, personnel management, Privacy Act data, contractual data and *FOUO* information.

Menu presentation is sensitive to user authorized access levels and only displays those menu choices that the user has authorized access. Similarly, if the user accesses a menu selection for which there is no data, the application directly informs the user that no data is available for the report before the user sends the report request to the printer or screen. All data which is subject to the Privacy Act, pursuant to Public Law 93-579, is handled in such a manner as to preclude unauthorized release of the information. The CIF support module contains sensitive unclassified data.

### **3.10 DATABASE DISTRIBUTION, UPDATES AND MAINTENANCE**

Design decisions on database distribution, updates, and maintenance relate to the host computers at the installations which provides ISM application processing databases for client users who gain access through workstations.

#### **3.10.1 Distribution**

The support module distributes output products as an on-line response to a process, electronic distribution (electronic mail, packet-switching transfer, and downloading) of a hard copy listing, or by printing and mailing hard copy reports.

The vulnerability to be guarded against in any distribution and disposition system is that the distribution can be made to an unauthorized position or person and an incomplete document can be delivered. Additionally, premature disposition can hamper validation and error correction.

#### **3.10.2 Maintenance**

The system functional area supports the administration and maintenance of the automated CIF. This includes user account management, system backup and restore, generation of transactions, and correction of individual identifiers throughout the system. The successful operation of maintenance depends on the SA who performs regular system backups and can restore the database if the CIF fails. When the SA performs a complete backup, all of the data in the CIF are copied onto a file in a suitable backup media. Later, the database may be restored to its state the day of the backup by restoring only this file. This copy defines a baseline from which incremental (or partial) backups may be made.

As the amount of data in the local database becomes very large, only a small percentage will be changed each day. If the SA performs an incremental backup, only the data that have changed since the last backup are copied to the backup medium. Incremental backups may be made several times after one complete backup. In case of major data corruption, the complete backup is restored first. Then, each incremental backup is restored, in succession, until the database is restored with the contents as of the desired day. Occasionally, as the number of incremental backups increases, the SA will perform another complete backup to establish a new baseline date; the incremental process is then repeated.

### **3.10.3 Integrity.**

The CIF is an unclassified administrative system used primarily for the management of soldier education records, program administration, and financial aid. It is assumed that the most likely threat to CIF data integrity is authorized users attempting to falsify data concerning the educational level and financial aid to soldiers. The risk of unauthorized penetration of the system by outside parties is considered low. The installation ISM SA will be responsible for computer hardware and software integrity. Backup and recovery are the most critical aspects of those responsibilities.

## **3.11 BACKUP AND RESTORATION.**

Maintaining an alternative file storage area provides protection against delays and destruction of software and data. This storage level is mandatory for all Data Processing Installations (DPIs) that provide critical AIS support to the organization's mission performance. This requires off-site storage of at least one copy of all AIS files, programs, and procedures necessary to operate all high-priority applications, either at the processing site or at an alternate site. The alternate file storage area should be reasonably close to the processing site, but not subject to the same degree of major threat as the original site. It is usually recommended that the alternate file storage area be located at least one mile from the processing site.

## **3.12 STORAGE REQUIREMENTS.**

Storage requirements for CIF workstations and file server were estimated for two specific areas. The data storage requirements were determined based on limited sizing information including size of installation and projected number of transactions.

The second area considered in estimating data storage requirements was the requirement for the system's operational capacity. Estimates for this type of data storage include requirements for the AIX OS version 4.2 CIF application and Oracle7<sup>TM</sup> database software since all are necessary for CIF operation.

The IBM RISC/6000 Model 7012-300 series System can be configured with as little as 64 megabytes (MB) or as much as 640 MB of 70 nanosecond (ns) RAM (in 64 MB increments). This RAM is based on industry standard 4 MB Single Inline Memory Modules (SIMM) and proprietary RAM expansion boards which can be added at the factory or any time after delivery.

### **3.12.1 Physical Mapping of Database Tables.**

The CIF SADB is stored on disk in the form of relational tables. The CIF tables are mapped to the ILIDB database which contains general military personnel information shared by other ISM.



## 4 DETAILED DESIGN OF THE DATABASE

### 4.1 DESIGN METHODOLOGY.

The CIF was designed using a structured methodology. This design and development effort included data modeling, normalizing to third normal form, and tuning the finalized data structure for the sake of efficiency. The organization of data and the use of standard data manipulation languages such as INFORMIX, ORACLE, and ANSI-SQL, allow for easy portability to other platforms. RDBMS is an important component in this design since its advantages are numerous.

#### 4.1.1 Content.

There is no subordinate schema within CIF, and it uses shared personnel data from the ILIDB database.

#### 4.1.2 Description.

For a description of the CIF schema, with its physical data element description including indexes and keys, refer to Sections 11, 12, and 13. All access restrictions are determined by the DBA.

#### 4.1.3 Physical Structure.

Refer to Section 11.

#### 4.1.4 Sizing.

Sizing is dependent on the workload and capacity of each installation. The number of records and transactions processed within each installation determines the amount of storage required for each installation's "CIF" SADB. This is monitored by the CIF DBA.

#### 4.1.5 Recovery.

Local policy and the operational environment control the frequency of backups. At a minimum, the total "CIF" SADB is backed up at least once a day. CIF is an on-line processing ISM requiring no restart procedures within the application software.

The Oracle7<sup>TM</sup> RDBMS supports automatic rollback of all partially completed transactions resulting from hardware or software failures. All users performing data manipulation operations at the time of the failure are required to check the last activity performed to ensure that the transaction(s) were affected. Transactions entered prior to the last backup will be captured in the transaction log. If the "CIF" SADB is destroyed, it can be rebuilt by first restoring it from the latest CIF backup tape followed by executing the transactions in the transaction log.

The DBA will assist functional users during restart/recovery procedures. For detailed information on SADB backup and recovery utilities, such as DBEXPORT, DBIMPORT, and DBSCHEMA, refer to Oracle 7 On-Line Administrator's Guide, Version 3.1, and Oracle 7<sup>TM</sup> On-Line User's Guide, Version 3.1.

#### 4.1.6 Requirements Cross-Reference.

Cross-reference information obtained from Section 3 of the CIF FD and Section 4 of the CIF System/Subsystem Specification (SS) follows:

<u>CIF FD</u>	<u>CIF SS</u>
Section 3.3 Inputs/Outputs	N/A
Section 3.4 Database/Data Bank Character	N/A

### 4.2 TABLE INFORMATION.

#### **4.2.1 Rationale.**

One of the most important features of a RDBMS is its ability to join data from different tables. Instead of storing identical data in several tables, an RDBMS allows access to data from several tables at once and displays it as if it were stored in a single table. Joining lets you rearrange the view of a database and create new relationships. You can expand the scope of a database by joining new tables to existing tables.

#### **4.2.2 Content.**

Section 10 contains the table names, data elements, and their attributes. The data dictionary is contained in Section 12.

#### **4.2.3 Description.**

Refer to Section 12.

#### **4.2.4 Storage Control Parameters.**

Database/table parameters will be determined by the following:

- a. Requirements of the database; such as number and content of tables and records.
- b. Storage available.
- c. Oracle7<sup>TM</sup> database documentation (procedures/instructions for creating and administering a database).

#### **4.2.5 Recovery.**

Local policy and operational environment control the frequency of backups. At a minimum, the total "CIF" SADB is backed up at least once per day. CIF is an on-line processing ISM requiring no restart procedures within the application software. The Oracle7<sup>TM</sup> RDBMS supports automatic rollback of transactions partially completed due to hardware or software failures. Each user performing data manipulation operations at the time of failure must check for the last active transaction to determine what transaction must be done again.

Transactions conducted since the last backup are captured on a transaction log. If the "CIF" SADB is destroyed, it can be rebuilt by first restoring the latest backup and then executing the program which will apply the transaction log tape to the "CIF" SADB. All work would be restored except for any transactions not captured on the transaction log.

The application DBA/SA will assist the functional users during restart/recovery procedures. The installation DBA/SA will assist functional users when necessary. For detailed information on database backup and recovery utilities, such as DBEXPORT, DBIMPORT, and DBSCHEMA, refer to Oracle7<sup>TM</sup> On-Line Administrators Guide, Version 3.1, and Oracle7<sup>TM</sup> On-Line Users Guide, Version 3.1.

### **4.3 DATABASE DESIGN LEVEL.**

The modeling levels presented here are suited to a top-down system development life cycle in which successive levels of detail are created during each project phase. The highest level models come in two forms:

- ? Entity Relationship Diagram (ERD) and
- ? The Key Based (KB) Model

The ERD form identifies major application entities and their relationships. The KB model

represents a third form relational model which sets the scope of the application information requirement and delineates the detail.

The DBMS model adopted for this application is the area level information model. This model provides the "Area" scope for the integrated system.

An Area information model covers a broad application area which is usually larger than the application single automation project. This model consists of both the ERD and KB model.

The ERD is a high-level information model which shows the major entities and the relationships that support a wide application area. The objective of the ERD is to provide a view of application information requirements sufficient to satisfy the need for broad planning and development of its information system.

The KB model is the third normal form information model which describes the major data structures supporting a wide application area. The objective KB model provides a wide application view of data structures and those keys needed to support the area. This model provides a context in which detailed implementation level models are constructed. The model covers the same scope as the ERD though in greater detail.

#### **4.4 SUPPORT SOFTWARE AVAILABLE FOR HANDLING THE DATABASE**

The objective configuration CIF ISM will adhere to open systems architecture. Data information needs require the database management software to use a relational database with ANSI SQL capabilities. To enable interconnection to existing systems, X.25 with TCP/IP, Telnet, 3270 Systems Network Architecture (SNA) and standard synchronous and asynchronous communications software are required.

The current Army installation software environment is composed of: DATACOM/DB, ROSCOE, CICS, UNIX/XENIX, MS-DOS, ORACLE, SQL/DS, XDB, DB2, IBM VM/VMS or VM/VSE operating system environment, and COBOL and C compilers, in addition to other packages.

The Open Systems Environment (OSE) complies with the following:

- a. Operating System:
  - Multi-user, multi-tasking
  - POSIX compliant
  - Diagnostics/monitoring/control capabilities are accessible from a remote control center
  - ADA/SQL/GOSIP bindings are available
- b. Access Control Mechanisms:
  - Keyed to users (by userid)
  - Managed by a data administrator and a security officer
- c. Program Support:
  - ADA and APSE support
  - On-Line documentation available
  - 4GL/5GL applications generator available
  - SQL-compliant database access standard

The following are examples of software available for handling the database:

- a. Database analysis tools for reorganizing or changing data include a database definition and manipulation language that is an extension of the ANSI standard

## SQL.

- b. The DB-Monitor software utility is available for the initialization or resizing of the database. This program allows the set up of the initial operating parameters including the server number, maintenance of logical logs and archives, tuning the Oracle7<sup>TM</sup> On-Line parameters to use disk, memory, and recovery features effectively, and observe status of the system.
- c. Database utilities for saving and restoring the database and its data include dbexport, dbimport, dbschema, tload, and tbunload. These utilities are explained in detail within the Oracle7<sup>TM</sup> OnLine Administrator's Guide, Version 3.1.
- d. Oracle7<sup>TM</sup> OnLine has facilities to handle failures of both mirrored and non-mirrored media. For example, when the failed medium is mirrored and the primary disk partition, called a chunk is repaired or replaced, the DBA then executes ORACLE-OnLine to recover the chunk and then it is brought on-line. For explicit details on recovering mirrored and non-mirrored media, reference Oracle7<sup>TM</sup> On-Line Administrator's Guide, Version 3.1.

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## 5 SOFTWARE UNITS USED FOR DATABASE ACCESS OR MANIPULATION

### 5.1 DATABASE ACCESS AND MANIPULATION.

Only users who have explicit authorization are allowed to enter, modify, delete, or view CIF data. The SA administrates the system access using a combination of login name, password, and access permissions. Only persons to whom login names and passwords are specifically assigned by the SA shall use them. It is through the "CIF Initialization/Admin Menu" that the CIF administrator controls which user LOGIN ID has access to the specific CIF functions.

### 5.2 CURRENT ARMY INSTALLATION SOFTWARE ENVIRONMENT.

The current army installation software environment is comprised of DATACOM/DB, ROSCO, CICS, UNIX/XENIX, MS-DOS, ORACLE, SQL/DS, XDB, DB2, IBM VM/MVS or VM/VSE operating system environment, COBOL compilers, C compilers, and many other packages.

#### 5.2.1 Software Units.

This paragraph has been tailored out. The software units that access or manipulate the database are described in "Software Design Descriptions" (SDD).

### 5.3 SOFTWARE ENVIRONMENT.

The CIF ISM runs on any UNIX System V platform against an SQL-compliant RDBMS. Terminals may consist of any ANSI 3.64 type or a Personal Computer (PC) with a similar emulation program. Printers, modems, and other peripherals will be site specific.

To successfully execute CIF, the system environment should consist of the hardware, software, and utilities designated in paragraphs 5.3.1 and 5.3.2.

**NOTE:** This ISM application is not dependent upon any one particular model of computer. The hardware described in the following paragraphs is one of the configurations possible for operating the CIF application.

#### 5.3.1 Hardware Required

Hardware configurations required to support CIF are:

- a. Computer. IBM RISC/6000 39H.
- b. Local Computer Workstation. 386/486/586 class personal computer, a keyboard, a monitor, power strip/surge suppresser, and communications interface.
- c. Printers. For reports high-resolution dot-matrix impact printer with RS-232 serial communications interface and 132 column wide format.

#### 5.3.2 Software Required

The software required to run CIF ISM includes:

- a. Operating System (OS). AIX OS Version 4.2 Release Manual. The operating system supervises the work of the computer and provides software utilities.
- b. RDBMS. ANSI SQL-compliant Relational database management system (such as Oracle7<sup>TM</sup> ESQL/C Version 7.16). The database is a collection of data, information about indexes, and system catalogs that describe the structure of the database.
- c. ISM Application. This is the CIF application software and is used in host mode.
- d. Local Operating System. MS-DOS 5.0/6.22 disk operating system. This operating

system controls the work of the local installation computer and provides local mode software utilities.

- e. Local Communication Software. Various types of communications protocol software may be used depending on your installation configuration. This software formats, arranges data for transmission, and controls the transfer of data between computers.

### 5.3.3 Database/Data Bank Characteristics.

CIF is designed using a RDBMS that will:

- a. Allow installation-unique tables and attributes.
- b. Provide integration with other portions of the installation central data repository previously developed.
- c. Use data elements standardized in accordance with (IAW) AR 25-9.

The data elements used for CIF are identified from the FD, the STRAP reports, the STRAP key-based data model, the Joint Application Development sessions, and the Prototyping sessions. Other sources include existing databases, reports, forms, user manuals, and other data stores maintained by the functional organization. These data elements are fully defined in the ADD/ADSS.

The data elements for CIF are integrated into a multifunctional database as part of the ISM-wide data architecture. By accessing this data architecture each function within has a view of its data. This view will consist of multiple data elements that are contained in a row of one or more tables.

## 5.4 DATA INTERFACES.

The information that follows shows the context of CIF within the universe of STAMIS and systems with which it interfaces. These interfaces are described below, listed in priority order of establishing the interfaces.

- a. ILIDB. The CIF-ILIDB interface is mandatory and of critical importance. CIF will receive selected personnel-related data elements from the ILIDB providing common-use information such as name, rank, location, etc., upon the identification of the soldier by a key field, such as SSN or its derivative. The ILIDB interface is to be read-only, i.e.; CIF will, upon demand, solicit information from the ILIDB but will not attempt to update ILIDB data. However, an easy-to-use, reliable, and timely method is required to effect corrections in the ILIDB and its source databases in cases where incorrect data are discovered and verified.
- b. MACOM/HQDA. This interface requirement includes the ability to send summary data from an installation to its parent MACOM and to HQDA. This interface is two-way; the requirement exists to receive data from the MACOM and HQDA level. An electronic mail (E-Mail) capability is available to link installation users to the MACOMs and HQDA.

## 5.5 ERROR HANDLING.

With each SQL statement, CIF checks whether an error has occurred. If one has occurred, a message is sent to the user in a form similar to the following:

SQL ERROR:

ERROR: -284 A Database Error has occurred. Please contact your database administrator to take the required action.

Refer to Oracle-SQL Reference Manual, Version 7.0.

## **5.6 MESSAGES.**

CIF error messages are listed alphabetically by label in Section 9. Where the necessary corrective action is not self-explanatory, an explanation is given.

**6 REQUIREMENTS TRACEABILITY.**

Information pertaining to this section is currently unavailable.



## **7 NOTES**

### **7.1 SPECIAL INSTRUCTIONS.**

The following document references contain instructions to be followed by personnel who generate the “CIF” SADB and use it for testing and operations. These references include Oracle7<sup>TM</sup> documentation that gives specific information about Oracle7<sup>TM</sup> database administration.

- a. Oracle7<sup>TM</sup> for AIX-Based Systems Installation & Configuration Guide, Part No.A32105-1.
- b. Oracle7<sup>TM</sup> SQL\*Plus User’s Guide and Reference, Version 3.1.
- c. Oracle7<sup>TM</sup> Server SQL Language Reference Manual, Part No. 778-70-1292.
- d. “A Technical Introduction to the Oracle Server” in the “Oracle7<sup>TM</sup> Server Concepts Manual”.

### **7.2 DATABASE SOFTWARE UTILITIES.**

The following list of reference manuals gives detailed instructions on using Oracle7<sup>TM</sup> database software utilities.

- a. Oracle7<sup>TM</sup> Server documentation.
- b. Oracle7<sup>TM</sup> Tools documentation.
- c. Oracle7<sup>TM</sup> Server Concepts Manual.
- d. Oracle7<sup>TM</sup> Server Utilities User’s Guide.
- e. Oracle7<sup>TM</sup> Server Administrator’s Guide.
- f. Oracle7<sup>TM</sup> Server SQL Language Reference manual.
- g. Oracle7<sup>TM</sup> Server Messages and Codes manual.

## 8 TERMS AND ABBREVIATIONS

<u>Terms</u>	<u>Explanation</u>
Chunk	A large continuous section of disk space for ORACLE-On Line.
Disk Mirroring	Storing the same data on two disks simultaneously.
Transaction	A collection of one or more SQL statements that is treated as a single unit of work.
Transaction Log	Called a logical log. A file containing a list of all changes that were performed on a database during the period the log was active.

### Abbreviations.

<u>Acronyms</u>	<u>Definition</u>
ADD	Army Data Dictionary
AIS	Automated Information System
AISM	Automated Information System Manual
AMDF	Army Master Data File
ANSI	American National Standard Institute
AR	Army Regulations
ARA	Assigned Responsible Agency
CTA	Common Table Allowance
DA	Department of the Army
DA PAM	Department of the Army Pamphlet
DBA	Data Base Administrator
DBDD	Data Base Design Description
DBMS	Data Base Management System
DEROS	Date Expected to Return from Overseas
DIC	Default Identifier Code
DISN	Defense Information System Network
DM	Director of Management
DMC	Defense Mega Center
DMOS	Duty Military Occupational Specialty
DOD	Department of Defense
DOIM	Directorate of Information Management
DPI	Data Processing Installation
DRMO	Defense Reutilization and Marketing Office
DSN	Defense Switched Network
ECP-S	Engineering Change Proposal-Software
ETS	Expiration Term of Service
FA	Functional Administrator
FD	Functional Description
FOUO	For Official Use Only
FP	Functional Proponent
FTS	Federal Telecommunication System
IAW	In Accordance With
IIAR	Initial Inventory Adjustment Report
IITS	Installation Information Transport System
ILIDB	Installation Level Integrated Database
ISEC	Information Systems Engineering Command
ISM	Installation Support Module
ISS	Information Systems Security

ISSO.....	Information System Security Officer
ITP.....	Installation Transition Processing
LAN .....	Local Area Network
MAIS.....	Major Automated Information System
MILPER.....	Military Personnel
MILPO .....	Military Personnel Office
NCSA.....	National Center for Supercomputing Applications
NIC .....	Network Interface Card
NSMC.....	Army Network and Systems Management Center
NSN .....	National Stock Number
OCIE.....	Organizational Clothing and Individual Equipment
OCSA.....	Office of the Chief of Staff, US Army
ODISC .....	Office of the Director of Information Systems for Command, Control, Communication, and Computers
OS .....	Operating System
PBO.....	Property Book Officer
POSIX.....	Portable Operating System Interface for Computing Environments
RAM.....	Random Access Memory
RDBMS.....	Relational Data Base Management System
R/S.....	Report of Survey
SA .....	System Administrator
SADB.....	Subject Area Data Base
SCOM.....	Software Center Operator Manual
SIP.....	Software Installation Plan
SQL.....	Structured Query Language
SSA.....	Supply Support Activity
SSN.....	Social Security Number
STAMIS.....	Standard Army Management Information System
STRAP .....	Structured Requirements Analysis Planning
SUM.....	Software User Manual
TCP/IP.....	Transmission Control Protocol/Internet Protocol
UIC.....	Unit Identification Code
UNIX.....	A multi-user operating system written by AT&T
US-2.....	Unclassified

## 9 CIF ERROR MESSAGES

CIF error messages are listed below, alphabetically by label. Where the necessary corrective action is not self-explanatory, it is explained below the message.

### **ACCESS DENIED**

Sorry, you do not have access to this function. You must be an ISM Administrator in order to run this function.

Corrective Procedure: Please contact your Functional Administrator.

### **ACCESS DENIED**

You do not have access to the current item.

Corrective Procedure: Please contact your System Administrator.

### **COLUMN OUT OF FIELD RANGE**

A column was read from the database, but had field in bounds to place the value. Please make sure each column from the database has a field corresponding to it on the form.

Corrective Procedure: Please contact your System Administrator.

### **Cannot Change SSN**

You may NOT change this Soldier's SSN because the Soldier's data was not initiated through cif.

Corrective Procedure: Please contact your Functional Administrator.

### **Constraint Error**

A Constraint Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE ).

Corrective Procedure: Please contact your System Administrator.

### **Data Exists**

Data currently exists in the ILIDB for the SSN:

SSN

You may NOT change to this SSN because corresponding records were not initiated in cif. Please delete all records associated with the incorrect SSN:

SSN

and re-enter data under the correct SSN.

Corrective Procedure: As noted above, or contact your Functional Administrator.

### **Data Exists**

Data currently exists in the SADB for the SSN:

SSN

You may NOT change to this SSN because the soldier was not initiated through cif.

Corrective Procedure: Please contact your Functional Administrator.

### **Data Exists**

Data currently exists in the SADB for the SSN:

SSN

You may NOT change to this SSN until you delete all corresponding data.

Corrective Procedure: Delete all corresponding data or contact your Functional Administrator.

### **Database Error**

A Database Error has occurred. The Key You Attempted to Insert Already Exists in the Database. Database Error Number (*Error Number*).

Corrective Procedure: Please contact your Functional Administrator.

#### **Duplicate SSN**

The ssn, *SSN*, has already been entered.

Corrective Procedure: Please contact your Functional Administrator.

#### **E R R O R**

The order sequence number you selected has already been used. Please reenter the sequence number.

Corrective Procedure: Please contact your Functional Administrator.

#### **E R R O R**

The header file

*Header File Name*

is not available. This order cannot be edited or reprinted.

Corrective Procedure: Please contact your System Administrator.

#### **E R R O R**

The order file

*Order File Name*

is not available. This order cannot be edited or reprinted.

Corrective Procedure: Please contact your System Administrator.

#### **ENVIRONMENT NOT SET**

One or more of the following environmental variables are not set:

FILETEMP

PSHPID

Corrective Procedure: Please contact your Functional Administrator or your System Administrator.

#### **E R R O R**

A *Error Name* error occurred while printing the *Form Name* for soldier *SSN*.

Corrective Procedure: Please contact your System Administrator.

#### **E R R O R**

A PUTENV call failed in function CALL\_EXEC\_ISM.

Corrective Procedure: Please contact your System Administrator.

#### **E R R O R**

A problem has occurred during CIF\_PKG.General\_Initialization. CIF\_PKG.General\_Initialization returned an error code of *Error Number*.

Corrective Procedure: Please contact your System Administrator.

#### **E R R O R**

Couldn't find 'ruu' in the /etc/passwd file.

Corrective Procedure: Please contact your System Administrator.

#### **E R R O R**

Exception raised in function CALL\_EXEC\_ISM.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

Exception raised in function EXEC\_ISM.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

Programmer Error, Rel\_Id list exceeded.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

Programmer Error. The 'Current\_Form' variable was not set properly when this menu was branched to.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

The SITE\_DIR environment variable is not valid.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

There was an error while loading *Font Number*, *Font File* on printer *Printer Name*.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

Your FILETEMP environmental variable is not set.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

Your SITE\_DIR environmental variable is not set.

Corrective Procedure: Please contact your System Administrator.

**ERROR - IMPROPER RANK**

The SSN chosen has an improper rank for the Transmittal Type.

Corrective Procedure: Please contact your Functional Administrator.

**ERROR - Invalid Date**

The date entry you have made is not valid.

Corrective Procedure: Please use a valid format when entering the date. Dates must be in one of the following formats:

YYYY/MM/DD	YY-MM-DD
YYMMDD	YY/MM/DD
TODAY	YY MM DD

Where YYYY is the 4-digit year (e.g. 1993) and YY is the 2-digit year (e.g. 93), MM is the month (e.g. 1, 03, 12), and DD is the day (e.g. 2, 04, 29).

**ERROR - Soldier Not Found**

This Soldier Was Not Found in the Database.

Corrective Procedure: Please contact your Functional Administrator.

**ERROR - Soldier Not Found**

This Soldier Was Not Found in the ILIDB Database.

Corrective Procedure: Please contact your Functional Administrator.

**ERROR**

Couldn't find *Value* in index.

Corrective Procedure: Please contact your System Administrator.

**ERROR**

There has been a program error.

Corrective Procedure: Please contact your System Administrator.

**ERROR - Soldier Does Not Exist**

This Soldier Was Not Found in the Database.

Corrective Procedure: Please contact your Functional Administrator.

**File Location Error**

The specified Archive was not found anywhere on the system.

Corrective Procedure: Please contact your System Administrator.

**INVALID USER**

You do not currently have access to CIF.

Corrective Procedure: Please contact the System Administrator.

**Installation Error**

The environment variable ARCHIVE\_DIR is not set.

Corrective Procedure: Please contact your System Administrator.

**Installation Error**

The file docsbrws.menu is missing.

Corrective Procedure: Please contact your System Administrator.

**Invalid Administrator**

The logname entered is not currently an Administrator.

Corrective Procedure: Please contact your Functional Administrator.

**Invalid Administrator**

You may not revoke administrative privileges from the CIF user.

Corrective Procedure: Please contact your Functional Administrator.

**Invalid Logname**

The logname entered does not correspond to a current CIF user.

Corrective Procedure: Please contact your System Administrator.

**Invalid Logname**

The logname entered is not a current CIF user.

Corrective Procedure: Please contact your System Administrator.

**Invalid SSN**

The SSN you have entered has not been archived yet. Please try again.

Corrective Procedure: Please contact your Functional Administrator.

**Invalid User**

The user entered is not a valid user on the UNIX system.

Corrective Procedure: Please contact your System Administrator.

**MENU IS UNKNOWN**

There is a problem in A - All Initialization.

Corrective Procedure: Please contact your System Administrator.

**Missing Environmental Variable**

The environment variable ARCHIVE\_DIR is not set.

Corrective Procedure: Please contact your System Administrator.

**Numeric Error**

A Numeric Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE).

Corrective Procedure: Please contact your System Administrator.

**Program Error**

A Program Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE).

Corrective Procedure: Please contact your System Administrator.

**Record is Locked**

Information regarding that item is currently locked by another user. Please try again later.

Corrective Procedure: Please contact your System Administrator.

**Storage Error**

A Storage Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE).

Corrective Procedure: Please contact your System Administrator.

**System Call Failed**

Failed to exec the process

*Program*

exiting fork with a status of 100.

Corrective Procedure: Please contact your System Administrator.

**System Error**

A System Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE).

Corrective Procedure: Please contact your System Administrator.

**Tasking Error**

A Tasking Error has occurred. Please notify your System Administrator regarding this condition. File Name (ERROR\_FILE).

Corrective Procedure: Please contact your System Administrator.



**Unexpected Error**

Unexpected error encountered when attempting to execute the program:

*Program*

Corrective Procedure: Please contact your Functional Administrator.

**Unexpected Error**

Unexpected error encountered when attempting to execute the program:

*Program*

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

No distribution lists found.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

No headings found.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

Programmer Error.

Corrective Procedure: Please contact your System Administrator.

**WARNING**

SSN not verified. The SSN entered does not match previously entered SSN. Please try again.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

The Rank field does not have a valid rank.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

The SSN entered is not in the database. Please reenter.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING**

The following required environmental variable is not set:

*Variable Name*

Corrective Procedure: Please contact your System Administrator.

**WARNING**

There was an error closing the ILIDB Database.

Corrective Procedure: Please contact your System Administrator.

**WARNING**

There was an error closing the CIF Database.

Corrective Procedure: Please contact your System Administrator.

**WARNING**

There was an error opening the ILIDB Database.

Corrective Procedure: Please contact your System Administrator.

**WARNING**

There was an error opening the CIF Database.

Corrective Procedure: Please contact your System Administrator.

**WARNING**

There was a problem modifying the user's login.

Corrective Procedure: Please contact your System Administrator.

**WARNING - Cannot Delete User**

Cannot delete user. Either the user does not exist in the ISM Database or you selected the main ISM user to delete. Please try again.

Corrective Procedure: Please contact your System Administrator.

**WARNING - Invalid Password**

You have attempted to make a change to the SPD code. The password you have entered is invalid.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING - Soldier Not Found**

This soldier's SSN was not found in the database.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING - Soldier's SSN Not A Log Entry**

Soldier's SSN is not an entry in the Log.

Corrective Procedure: Please contact your Functional Administrator.

**WARNING - User's Logname Not A Log Entry**

User's Logname is not an entry in the Log.

Corrective Procedure: Please contact your Functional Administrator.

## 10 CIF HIERARCHY DIAGRAM

The CIF programs communicate by shared access to the “cif” database. The database tables accessible by CIF are listed in Section 3.2.2.1. CIF also references various tables in the ILIDB. The CIF Data Base Design Specification (DBDD) manual (AISM 25-LA2-A09-AIX-DBDD) contains more details about the database.

The CIF Hierarchy Diagram indicates the organization of the CIF menus and shows the branch points from the main program to the other CIF programs. These branch points are indicated by an “=” next to an entry. Subsequent processing of lower branches is done by the CIF program shown at the right of the “=>” unless and until another branch appears. An “\*” next indicates that the selection is not implemented. A “+” indicates that it is discussed in detail in this manual. Unmarked entries are discussed in the CIF End User Manual. Figure 3.4-1 is a directory of the menus and screens available to the CIF user.

Menu Name or Screen	Executable
Master Menu	==> cif_prg
+---1. =Peacetime Menu	
+---1. =Master File Maintenance Menu	==> master_file_prg
+---1. Property Book Menu	
+---1. Add/Change	
+---2. Delete	
+---3. Browse Menu	
+---1. Line Number	
+---2. National Stock Number	
+---3. Nomenclature	
+---99. Return to the Master Menu	
+---4. Inquire	
+---5. Laundry/Maintenance/Classification Menu	
+---99. Return to the Master Menu	
+---2. UIC Cross Reference Menu	
+---1. Add/Change	
+---2. Delete	
+---3. Browse	
+---4. Inquire	
+---99. Return to the Master Menu	
+---3. =Menus Menu	==> menu_prg
+---1. Add/Change	
+---2. Delete	
+---3. Browse	
+---99. Return to the Master Menu	
+---99. Return to the Master Menu	
+---2. =Adjustment Transactions Menu	==> aar_prg
+---1. Statement of Charges Menu	
+---1. Hand Receipt	
+---2. Reprint Hand Receipt Report	
+---3. Individual	
+---4. Reprint Individual Report	
+---99. Return to the Master Menu	
+---2. Report of Survey Menu	
+---1. Hand Receipt	
+---2. Reprint Hand Receipt Report	
+---3. Individual	
+---4. Reprint Individual Report	
+---99. Return to the Master Menu	

CIF Hierarchy Diagram

Menu Name or Screen			Executable
M	1	2	
		+---3. Cash Collection Voucher Menu	
		+---1. Hand Receipt	
		+---2. Reprint Hand Receipt Report	
		+---3. Individual	
		+---4. Reprint Individual Report	
		+---99. Return to the Master Menu	
		+---4. Lateral Transfer Out Menu	
		+---1. Initiate	
		+---2. Post	
		+---99. Return to the Master Menu	
		+---5. Lateral Transfer In	
		+---6. =Adjust Item (AAR)	==> aar_prg
		+---1. Process Adjust Item	
		+---2. Reprint Adjust Item Report	
		+---7. Found on Installation	
		+---8. Turn In to SSA/DRMO Menu	
		+---1. Initiate	
		+---2. Post	
		+---3. Modify/Reprint	
		+---4. Cancel	
		+---99. Return to the Master Menu	
		+---9. Turn In to Main at Annex Menu	
		+---1. Initiate	
		+---1. Manual Turn In of Excess (CCB)	
		+---2. Automated Turn In of Excess (CCB)	
		+---3. Manual Turn In of CC K	
		+---4. Automated Turn In of CC K	
		+---2. Post	
		+---1. Turn In of Excess (CCB)	
		+---2. Turn In of CC K	
		+---3. Modify/Reprint	
		+---1. Turn In of Excess (CCB)	
		+---2. Turn In of CC K	
		+---99. Return to the Master Menu	
		+---10. Receive Items From Annex at Main Menu	
		+---1. Receive AFI Items	
		+---2. Receive CC K Items	
		+---11. Send Items to Annex at Main Menu	
		+---1. Initiate (Automated)	
		+---2. Initiate (Manual)	
		+---3. Post	
		+---4. Modify/Reprint	
		+---5. Cancel	
		+---99. Return to the Master Menu	
		+---12. Receive Items From Main at Annex	
		+---99. Return to the Master Menu	
		+---3. =Inventory Process Menu	==> inventory_prg
		+---1. Clear Inventory Flags	
		+---2. Set Inventory Flags Menu	
		+---1. Complete Inventory	
		+---2. Partial Inventory	
		+---99. Return to the Master Menu	

CIF Hierarchy Diagram - Continued.

Menu Name or Screen			Executable
M	1	3	
		+---3. Post Inventory Counts	
		+---4. =Reports Menu	==> report_prg
		+---1. Negative On-Hand Balances	
		+---2. Location Survey/Inventory Count Sheets	
		+---3. Inventory Control Sheets	
		+---1. Standard Order	
		+---2. NSN Order	
		+---3. Line Order	
		+---4. Initial Inventory Adjustment Report	
		+---99. Return to the Master Menu	
		+---99. Return to the Master Menu	
		+---4. =As Required Reports Menu	==> report_prg
		+---1. Property Book Menu	
		+---1. Property Book	
		+---2. Stock Items for Issue	
		+---3. Stock On Hand Totals	
		+---4. Quantity Possessed by Soldiers	
		+---5. Stockage Report Menu	
		+---1. Main Stockage Report	
		+---2. Stockage Shortage Report Menu	
		+---1. Main Replenishment Report	
		+---2. CIF Shortage Report	
		+---99. Return to Master Menu	
		+---3. Retention Stockage Report Menu	
		+---1. Main Report for All Annex Excess	
		+---2. Excess Report for THIS CIF only	
		+---3. Main Excess Report w/Annex Info	
		+---99. Return to Master Menu	
		+---99. Return to the Master Menu	
		+---6. Laundry/Maintenance/Classification	
		+---7. Selected Stock Master	
		+---8. Training Items	
		+---9. Monthly Transaction Register	
		+---10. Due Out to Troops Menu	
		+---1. Index by SSN	
		+---2. Index by NSN	
		+---99. Return to the Master Menu	
		+---2. Document Register Menu	
		+---1. Requisitions Menu	
		+---1. Document Number	
		+---2. National Stock Number	
		+---3. Selected Dates	
		+---99. Return to the Master Menu	
		+---2. Transactions Menu	
		+---1. Items Found on Installation	
		+---2. Lateral Transfers	
		+---3. Turn Ins to SSA/DRMO	
		+---4. Administrative Adjustments	
		+---5. C/C, R/S, S/C Transactions	
		+---6. Issues, Turn Ins and DXs	
		+---7. All of the Above Combined	
		+---8. C/C, R/S, S/C Adjustment Totals	
		+---9. Summary of Issues, Turn Ins and DXs	
		+---10. Turn In to Main CIF	
		+---1. Open Documents	

CIF Hierarchy Diagram- *Continued.*

Menu Name or Screen						Executable
M	1	4	2	2	10	
					+---2. Closed Documents	
					+---3. Suspense Document	
					+---4. Canceled Documents	
					+---11. Send Items From Main CIF to Annex	
					+---1. Open Documents	
					+---2. Closed Documents	
					+---3. Suspense Documents	
					+---4. Canceled Documents	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	
					+---3. =Unit Menu	==> uic_prg
					+---1. UIC Cross Reference	
					+---2. Clothing Records by UIC	
					+---3. Hand Receipts by UIC	
					+---1. Print All Hand Receipts	
					+---2. Print Hand Receipts for a UIC	
					+---4. Consolidated Due Out Items	
					+---5. Unit Transfer Menu	
					+---1. Transfer Out Menu	
					+---1. Transfer Within Subject Area Database	
					+---2. Transfer to Another SADB	
					+---99. Return to the Master Menu	
					+---2. Transfer In Menu	
					+---1. Transfer Within Subject Area Database	
					+---2. Transfer to Another SADB	
					+---1. Load From Floppy Disk/Electronic	
					+---2. Add/Change UIC	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	
					+---4. Clothing Menu	
					+---1. Individual Profiles	
					+---2. Individuals Due to Out Process	
					+---3. Individuals Past Due to Out Process	
					+---4. Individual Transfer Menu	
					+---1. Transfer Out Menu	
					+---1. Transfer Within Subject Area Database	
					+---2. Transfer to Another SADB	
					+---99. Return to the Master Menu	
					+---2. Transfer In Menu	
					+---1. Transfer Within Subject Area Database	
					+---2. Transfer From Another SADB	
					+---1. Load From Floppy Disk/Electronic	
					+---2. Individuals to Database	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	
					+---5. Reconciliation of Personnel	
					+---99. Return to the Master Menu	
					+---5. Other Menu	
					+---1. Authorized Clothing Items	
					+---2. Summary of Operations	
					+---3. Reprint Summary of Operations	
					+---99. Return to the Master Menu	
					+---99. Return to the Master Menu	

CIF Hierarchy Diagram- *Continued.*

Menu Name or Screen	Executable
M 1	
+---5. =End of Day Process ==> eod_prg     +---1. Process End of Day Menu       +---1. Clear End of Day Flag       +---2. Set End of Day Flag       +---3 Process End of Day     +---2. Reprint Daily Transaction Register     +---3. Reprint Document Register for Issues/Turnins     +---4. Reprint Document Register for Recquisitions     +---5. Reprint Document Register for C/C, R/S & S/C     +---6. Reprint Document Register for Turn Ins to SSA/DRMO     +---7. Reprint Document Register for Admin Adjustment     +---8. Reprint Document Register Found on Installation     +---9. Reprint Document Register for Lateral Transfer     +---10. Reprint Individual Incomplete Worksheet     +---11. Reprint HR Scheduled for Return     +---12. Reprint Consolidated Retention Stockage Report     +---13. Reprint Document Register for Foreign Transactions     +---99. Return to the Master Menu	
+---6. =Requisitions Menu ==> requisitions_prg     +---1. Create Supply Requisition     +---2. Request Status Changes     +---3. Post Receipts     +---4. Post Supply Status Menu       +---1. Automated       +---2. Manual       +---99. Return to the Master Menu           +---5. Close a Document     +---6. Reopen a Closed Document     +---7. Browse Menu       +---1. Document Number       +---2. National Stock Number       +---99. Return to the Master Menu           +---8. Inquire     +---9. Create Supply Transactions File Menu       +---1. Electronic       +---2. Cartridge Tape       +---3. Floppy Disk (DOS)       +---99. Return to the Master Menu           +---10. Purge Closed Requisitions     +---11. Reprint Create Supply Requisition     +---99. Return to the Master Menu	
+---7. =Clothing Issues Menu ==> issues_prg     +---1. Preload Trainee     +---2. Initial Issue Menu       +---1. Reception       +---2. Abstract       +---3. Delete Worksheet       +---99. Return to the Master Menu           +---3. Due Out Issue Menu       +---1. Reception       +---2. Abstract       +---99. Return to the Master Menu     +---4. Additional Issue Menu       +---1.By Menu Code Menu         +---1. Reception	





Menu Name or Screen	Executable
M 1	
+---9. =Direct Exchange Menu	==> direct_xchg_prg
+---1. Individual Menu	
+---1. Reception	
+---2. Abstract	
+---99. Return to the Master Menu	
+---2. Bulk Menu	
+---1. Unit Collection	
+---2. =Hand Receipts Menu	==> hand_receipts_prg
+---1. Unit Identification Code	
+---2. Hand Receipt Number	
+---3. Social Security Number	
+---99. Return to the Master Menu	
+---99. Return to the Master Menu	
+---99. Return to the Master Menu	
+---10. =Hand Receipts Menu	==> hand_receipts_prg
+---1. Issue	
+---2. Add Items	
+---3. Turn In	
+---4. Print 2062	
+---5. Browse Menu	
+---1. Hand Receipt Number	
+---2. Unit Identification Code	
+---3. Social Security Number	
+---4. Line Number	
+---99. Return to the Master Menu	
+---6. Change Receipt	
+---99. Return to the Master Menu	
+---11.=Ad Hoc Query Menu	==> adhoc_prg
+---1. Create a Basic Ad Hoc Query	
+---2. Create an Advanced Ad Hoc Query	
+---3. Change a Saved Ad Hoc Query	
+---4. Delete Ad Hoc Queries	
+---5. View/Print Saved Ad Hoc Query Results	
+---6. View Saved Ad Hoc Query Statements	
+---99. Return to the Master Menu	
+---2. *Transition to War Menu	
+---3. *Wartime Menu	
+---4. *Demobilization Menu	
+---5. +Customer Assistance Menu	
+---1. Telephonic Support	
+---2. *Message	
+---3.=+Problem Report	==> ecps_prg
+---1. Add/Change ECP/PR	
+---2. Delete ECP/PR	
+---3. Submit ECP/PR	
+---4. ISM Data Sheet	
+---99. Return to the Master Menu	
+---6.=+Problem Reports/ECP-S Submission	==> ecps_prg
+---1. Add/Change ECP/PR	
+---2. Delete ECP/PR	
+---3. Submit ECP/PR	
+---7.=+CIF Initialization/Admin Menu	==> cif_admin_prg

CIF Hierarchy Diagram – *Continued.*

Menu Name or Screen	Executable
M 7	
<pre>   +---1. Security Administration Menu     +---1. Add/Change Logname Permissions     +---2. Delete Logname Permissions     +---3. Add/Change ISM Netrc File     +---4. View Permissions     +---99. Return to the Master Menu     +---2. Customize CIF Data Menu     +---1. Installation Unique/Defaults Menu         +---1. Add Annex         +---2. Change Record of Existing Annex         +---3. Delete Annex         +---4. Move Installation         +---99. Return to the Master Menu       +---2. Add/Change Operating Levels     +---3. Accounting Requirements Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu     +---4. Advise Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---5. Category Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---6. Condition Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---7. Control Item Inventory Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---8. Demand Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---9. Direct Support Unit Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---10. Priority Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---11. Receipt Status Codes Menu         +---1. Add/Change         +---2. Delete         +---99. Return to the Master Menu       +---12. Reportable Item Control Codes Menu         +---1. Add/Change </pre>	

CIF Hierarchy Diagram – *Continued.*

Menu Name or Screen				Executable
M	7	4	16	
			+---2. Delete	
			+---99. Return to the Master Menu	
			+---13. Requisition Identifier Codes Menu	
			+---1. Add/Change	
			+---2. Delete	
			+---99. Return to the Master Menu	
			+---14. Status Change Request Identifier Codes Menu	
			+---1. Add/Change	
			+---2. Delete	
			+---99. Return to the Master Menu	
			+---15. Supply Status Codes Menu	
			+---1. Add/Change	
			+---2. Delete	
			+---99. Return to the Master Menu	
			+---16. Unit of Issue Menu	
			+---1. Add/Change	
			+---2. Delete	
			+---99. Return to the Master Menu	
			+---99. Return to the Master Menu	
			+---3. =Setup Installation-Specific Applications Menu	==> newmenu_prg
			+---1. Add/Change Menu Entries	
			+---2. Delete Menu Entries	
			+---99. Return to the Master Menu	
			+---4. =Peripheral Administration Menu	==> print_prg
			+---1. Add/Change Application Printers	
			+---2. Delete Application Printers	
			+---99. Return to the Master Menu	
			+---5. CIF Administrative Menu	
			+---1. Initial Startup Functions Menu	
			+---1. Create Open Requisitions	
			+---2. Create Pending Lateral Transfers	
			+---3. Create Pending Turn Ins to SSA/DRMO	
			+---4. Balance Forward	
			+---99. Return to the Master Menu	
			+---2. Property Book Adjustments Menu	
			+---1. Quantity Possessed by Soldiers	
			+---2. Due In Quantity	
			+---3. Due Out Quantity	
			+---4. Loan Quantity	
			+---5. Suspense Quantity	
			+---6. Classification Quantities	
			+---99. Return to the Master Menu	
			+---3. Clothing File Adjustments Menu	
			+---1. Adjust Carry Forward Items	
			+---2. Modify Clothing Items	
			+---3. Change Social Security Number	
			+---4. Change of Soldier Personnel Data	
			+---99. Return to the Master Menu	
			+---4. Print Final Inventory Adjustment Report	
			+---5. Purge Functions Menu	
			+---1. Purge Outdated Personnel Record	
			+---99. Return to the Master Menu	

CIF Hierarchy Diagram – *Continued.*

Menu Name or Screen	<u>Executable</u>
M 7	
+---6. =Ad Hoc Query Administration menu	==> admin_prg
+---1. Select Elements to Show	
+---2. Add/Change Elements Comments	
+---99. Return to the Master Menu	
+---8. =Installation-Specific Applications Menu	==> cif_inst_prg
+---1. Unix Prompt	
+---9. View Documentation/Regulations Menu	
+---1. View Governing Regulations (Primary)	
+---2. View End User Manual (EM)	
+---3. View Implementation Procedures	
+---4. View Maintenance Manual (MM)	
+---5. View ISMSIS	
+---6. View Configuration Control Manual (CCM)	
+---7. View Functional Description (FD)	
+---99. Return to the Master Menu	

### CIF Hierarchy Diagram.

## 11 CIF DATA BASE SCHEMA AND ATTRIBUTES

### DATABASE SCHEMA FOR CIF (INSTANTIATION ISM)

TABLE A0901T .....	dataspace appl_data	
DODAAC .....	NOT NULL .....	CHAR(6)
CIF_NAME .....	NOT NULL .....	CHAR(39)
RIC .....		CHAR(3)
MSSTAT .....	NOT NULL .....	CHAR(1)
DEMCDE .....	NOT NULL .....	CHAR(1)
FUNDCDE .....		CHAR(2)
SIGCDE .....		CHAR(1)
DISCDE .....		CHAR(1)
MILCDE .....		CHAR(3)
PRICDE .....	NOT NULL .....	CHAR(2)
DSUCDE .....		CHAR(1)
APCCDE .....		CHAR(4)
AOCCDE .....		CHAR(1)
ADVCDE .....		CHAR(2)
DICREQ .....	NOT NULL .....	CHAR(3)
DICDRMO .....	NOT NULL .....	CHAR(3)
DICSSA .....	NOT NULL .....	CHAR(3)
SA_REQ .....		CHAR(6)
SA_DRMO .....		CHAR(6)
SA_SSA .....		CHAR(6)
SHIPFROM1 .....		CHAR(23)
SHIPFROM2 .....		CHAR(23)
SHIPFROM3 .....		CHAR(23)
SHIPTOD1 .....		CHAR(23)
SHIPTOD2 .....		CHAR(23)
SHIPTOD3 .....		CHAR(23)
SHIPTOS1 .....		CHAR(23)
SHIPTOS2 .....		CHAR(23)
SHIPTOS3 .....		CHAR(23)
HR_LIMIT .....	NOT NULL .....	NUMBER(4)
STATION_SORT .....	NOT NULL .....	CHAR(1)
ANNEX_TYPE .....		CHAR(1)
TAG .....	NOT NULL .....	CHAR(4)
RET_FACTOR .....	NOT NULL .....	NUMBER(3, 2)
PRO_VALUE .....	NOT NULL .....	NUMBER(3, 2)
CONUS_OCONUS .....		CHAR(1)
EOD_FLAG .....		CHAR(1)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IX901_T .....	DODAAC .....	UNIQUE
A_IX901_T .....	TAG .....	UNIQUE
TABLE A0902T .....	dataspace appl_data	
REF_NO .....	NOT NULL .....	CHAR(6)
TS .....	NOT NULL .....	NUMBER(8)
STATION .....		CHAR(2)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IX231_1_T .....	REF_NO .....	UNIQUE
A_IX231_1_T .....	TAG .....	UNIQUE
TABLE A0903T .....	dataspace appl_data	
NSN .....	NOT NULL .....	CHAR(13)
TARIFF .....	NOT NULL .....	NUMBER(6)
CONTG .....	NOT NULL .....	NUMBER(8)
CCK .....	NOT NULL .....	NUMBER(8)
OHQ .....	NOT NULL .....	NUMBER(8)
QPBS .....	NOT NULL .....	NUMBER(8)
LQTY .....	NOT NULL .....	NUMBER(8)
DIQTY .....	NOT NULL .....	NUMBER(8)
DOQTY .....	NOT NULL .....	NUMBER(8)
SQTY .....	NOT NULL .....	NUMBER(8)
INVFLAG .....		CHAR(1)
INVQTY_CCK .....	NOT NULL .....	NUMBER(8)
INVQTY .....	NOT NULL .....	NUMBER(8)
INVDTE .....	NOT NULL .....	CHAR(8)
BEGBAL .....	NOT NULL .....	NUMBER(8)
SUMISSU .....	NOT NULL .....	NUMBER(8)
SUMTRNS .....	NOT NULL .....	NUMBER(8)
SUMDXL .....	NOT NULL .....	NUMBER(8)

SUMDXG.....	NOT NULL .....	NUMBER(8)
SUMFOL.....	NOT NULL .....	NUMBER(8)
SUMINTG.....	.....	NUMBER(8)
SUMINTL.....	.....	NUMBER(8)
SUMSSAS.....	NOT NULL .....	NUMBER(8)
SUMSSAU.....	NOT NULL .....	NUMBER(8)
SUMDRMS.....	NOT NULL .....	NUMBER(8)
SUMDRMU.....	NOT NULL .....	NUMBER(8)
SUMMREC.....	NOT NULL .....	NUMBER(8)
SUMLTIN.....	NOT NULL .....	NUMBER(8)
SUMLTOT.....	NOT NULL .....	NUMBER(8)
SUMRSL.....	NOT NULL .....	NUMBER(8)
SUMSCL.....	NOT NULL .....	NUMBER(8)
SUMCCL.....	NOT NULL .....	NUMBER(8)
SUMAARL.....	NOT NULL .....	NUMBER(8)
SUMAARG.....	NOT NULL .....	NUMBER(8)
SUMIARL.....	NOT NULL .....	NUMBER(8)
SUMIARG.....	NOT NULL .....	NUMBER(8)
WHSE1.....	.....	CHAR(5)
WHSE2.....	.....	CHAR(5)
WHSE3.....	.....	CHAR(5)
WHSE4.....	.....	CHAR(5)
WHSE5.....	.....	CHAR(5)
WHSE6.....	.....	CHAR(5)
WHSE7.....	.....	CHAR(5)
WHSE8.....	.....	CHAR(5)
WHSE9.....	.....	CHAR(5)
WHSE10.....	.....	CHAR(5)
RMKS.....	.....	CHAR(25)
TAG.....	.....	CHAR(4)
CCL.....	NOT NULL .....	NUMBER(8)
CCMNOT NULL.....	NUMBER(8)	
CCH.....	NOT NULL .....	NUMBER(8)
MO_RO.....	NOT NULL .....	NUMBER(8)
MO_ROP.....	NOT NULL .....	NUMBER(8)
SUMINTG.....	NOT NULL .....	NUMBER(8)
SUMINTL.....	NOT NULL .....	NUMBER(8)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX102_3_T.....	NSN.....	UNIQUE
A_IX102_3_T.....	TAG.....	UNIQUE
<b>TABLE A0904T</b> .....	dataspace app_data	
UN_SVC_DSG_CD.....	NOT NULL .....	CHAR(1)
UN_PORG_DSG_ID.....	NOT NULL .....	CHAR(3)
UN_DESCR_DSG_ID.....	NOT NULL .....	CHAR(2)
UNIT_NAME.....	.....	CHAR(30)
TAG.....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_UNIT_IDX_T.....	UN_PORG_DSG_ID.....	UNIQUE
A_UNIT_IDX_T.....	UN_DESCR_DSG_ID.....	UNIQUE
A_UNIT_IDX_T.....	UN_SVC_DSG_CD.....	UNIQUE
A_UNIT_IDX_T.....	TAG.....	UNIQUE
<b>TABLE A0905T</b> .....	dataspace appl_data	
UIC.....	NOT NULL .....	CHAR(6)
SEL_CODE.....	NOT NULL .....	CHAR(1)
GENDER.....	NOT NULL .....	CHAR(1)
MENUCD.....	NOT NULL .....	CHAR(3)
TAG.....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
IDX_05T_T.....	UIC.....	UNIQUE
IDX_05T_T.....	SEL_CODE.....	UNIQUE
IDX_05T_T.....	GENDER.....	UNIQUE
IDX_05T_T.....	TAG.....	UNIQUE
A_IX104_1_T.....	TAG.....	NONUNIQUE
A_IX104_1_T.....	UIC.....	NONUNIQUE
<b>TABLE A0906T</b> .....	dataspace appl_data	
MENUCD.....	NOT NULL .....	CHAR(3)
MENUNAME.....	NOT NULL .....	CHAR(20)
REF_NO.....	NOT NULL .....	NUMBER(6)
AQTY.....	NOT NULL .....	NUMBER(6)

TRF .....	CHAR(1)	
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_MENU06_T .....	MENUCD .....	UNIQUE
A_MENU06_T .....	REF_NO .....	UNIQUE
A_MENU06_T .....	TAG .....	UNIQUE
<b>TABLE A0907T</b> .....	dataspace appl_data	
DATE_OF_IAR .....	NOT NULL .....	CHAR(8)
IAR_GAIN_VALUE .....	NOT NULL .....	NUMBER(16,2)
IAR_LOSS_VALUE .....	NOT NULL .....	NUMBER(16,2)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX199_1_T .....	DATE_OF_IAR .....	NONUNIQUE
A_IX199_1_T .....	TAG .....	NONUNIQUE
<b>TABLE A0909T</b> .....	dataspace appl_data	
SO_DATE .....	NOT NULL .....	CHAR(8)
BLK12_C .....	NOT NULL .....	NUMBER(6)
BLK12_DV .....	NOT NULL .....	NUMBER(16,2)
BLK13_C .....	NOT NULL .....	NUMBER(6)
BLK13_DV .....	NOT NULL .....	NUMBER(16,2)
BLK14_C .....	NOT NULL .....	NUMBER(6)
BLK14_DV .....	NOT NULL .....	NUMBER(16,2)
BLK15_C .....	NOT NULL .....	NUMBER(6)
BLK15_DV .....	NOT NULL .....	NUMBER(16,2)
BLK16_C .....	NOT NULL .....	NUMBER(6)
BLK16_DV .....	NOT NULL .....	NUMBER(16,2)
BLK17_DV .....	NOT NULL .....	NUMBER(16,2)
BLK18_DV .....	NOT NULL .....	NUMBER(16,2)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX107_1_T .....	SO_DATE .....	NONUNIQUE
A_IX107_1_T .....	TAG .....	NONUNIQUE
<b>TABLE A0910T</b> .....	dataspace appl_data	
LMC_REG_NUM .....	NOT NULL .....	CHAR(12)
TRANSTYPE .....	NOT NULL .....	CHAR(1)
NSN .....	NOT NULL .....	CHAR(13)
DATE_SENT .....	NOT NULL .....	CHAR(8)
QTY_SENT .....	NOT NULL .....	NUMBER(6)
DATE_RECVD .....	NOT NULL .....	CHAR(8)
QTY_RECVD .....	NOT NULL .....	NUMBER(6)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
IX108_1_T .....	TAG .....	NONUNIQUE
IX108_1_T .....	LMC_REG_NUM .....	NONUNIQUE
A_IX108_2_T .....	TAG .....	NONUNIQUE
A_IX108_2_T .....	TRANSTYPE .....	NONUNIQUE
A_IX108_3_T .....	NSN .....	NONUNIQUE
A_IX108_3_T .....	TAG .....	NONUNIQUE
<b>TABLE A0911T</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
INDIV_NAME .....	NOT NULL .....	CHAR(27)
IND_SEX_CODE .....	NOT NULL .....	CHAR(1)
UIC .....	NOT NULL .....	CHAR(6)
SEL_CODE .....	NOT NULL .....	CHAR(1)
RANK .....	NOT NULL .....	CHAR(4)
DMOS .....	NOT NULL .....	CHAR(5)
EXP_DPRT_DT .....	NOT NULL .....	CHAR(8)
ENTER_CIF_DT .....	NOT NULL .....	CHAR(8)
CLEAR_CIF_DT .....	NOT NULL .....	CHAR(8)
NEXT_FILE .....	NOT NULL .....	CHAR(1)
TYPE_ISSUE .....	NOT NULL .....	CHAR(1)
TYPE_TURNIN .....	NOT NULL .....	CHAR(1)
TAG .....	NOT NULL .....	CHAR(4)
LAST_TRN_CD .....	NOT NULL .....	CHAR(3)
LAST_TRN_DT .....	NOT NULL .....	CHAR(8)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX176_4_T .....	UIC .....	NONUNIQUE
A_IX176_4_T .....	TAG .....	NONUNIQUE

A_IX109_1_T .....	IND_SSN .....	UNIQUE
<b>TABLE A0912T</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD .....	NOT NULL .....	CHAR(3)
NSN .....	NOT NULL .....	CHAR(13)
AQTY .....	NOT NULL .....	NUMBER(6)
OHQTY .....	NOT NULL .....	NUMBER(6)
IQTY .....	NOT NULL .....	NUMBER(6)
CFQTY .....	NOT NULL .....	NUMBER(6)
TRF .....	.....	CHAR(1)
TURNED_IN_FLAG .....	.....	CHAR(1)
TAG .....	NOT NULL .....	CHAR(4)
DO_FLAG .....	.....	CHAR(1)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_ITEMS_12_T .....	IND_SSN .....	UNIQUE
A_ITEMS_12_T .....	MENUCD .....	UNIQUE
A_ITEMS_12_T .....	NSN .....	UNIQUE
A_ITEMS_12_T .....	TAG .....	UNIQUE
<b>TABLE A0913T</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD .....	NOT NULL .....	CHAR(3)
NSN .....	NOT NULL .....	CHAR(13)
DOQTY .....	NOT NULL .....	NUMBER(6)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_ITEMS_13_T .....	IND_SSN .....	UNIQUE
A_ITEMS_13_T .....	MENUCD .....	UNIQUE
A_ITEMS_13_T .....	NSN .....	UNIQUE
A_ITEMS_13_T .....	TAG .....	UNIQUE
<b>TABLE A0914T</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD .....	NOT NULL .....	CHAR(3)
REF_NO .....	NOT NULL .....	NUMBER(6)
SIZ .....	.....	CHAR(5)
AQTY .....	NOT NULL .....	NUMBER(6)
IQTY .....	NOT NULL .....	NUMBER(6)
CFQTY .....	NOT NULL .....	NUMBER(6)
TRF .....	.....	CHAR(1)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_ITEMS_14_T .....	MENUCD .....	UNIQUE
A_ITEMS_14_T .....	REF_NO .....	UNIQUE
A_ITEMS_14_T .....	TAG .....	UNIQUE
A_ITEMS_14_T .....	IND_SSN .....	UNIQUE
<b>TABLE A0915T</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD .....	NOT NULL .....	CHAR(3)
NSN .....	NOT NULL .....	CHAR(13)
AQTY .....	NOT NULL .....	NUMBER(6)
CFQTY .....	NOT NULL .....	NUMBER(6)
TIQTY .....	NOT NULL .....	NUMBER(6)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_ITEMS_15_T .....	IND_SSN .....	UNIQUE
A_ITEMS_15_T .....	MENUCD .....	UNIQUE
A_ITEMS_15_T .....	NSN .....	UNIQUE
A_ITEMS_15_T .....	TAG .....	UNIQUE
<b>TABLE A0916T</b> .....	data appl_data	
DOCNR_DT .....	NOT NULL .....	NUMBER(7)
DOCNR_NM .....	NOT NULL .....	NUMBER(5)
NSN .....	NOT NULL .....	CHAR(13)
PRIORITY .....	NOT NULL .....	CHAR(2)
PROJCDE .....	.....	CHAR(3)
QTYREQ .....	NOT NULL .....	NUMBER(8)
QTYRCVD .....	NOT NULL .....	NUMBER(8)
QTYCANC .....	NOT NULL .....	NUMBER(8)
BJ_ADJ .....	NOT NULL .....	NUMBER(8)
STATCDE .....	.....	CHAR(2)



EDD .....	CHAR(3)	
REMARKS.....	CHAR(10)	
RCPTSTAT .....	CHAR(1)	
APC .....	CHAR(4)	
COMPDTE .....	CHAR(8)	
TAG .....	CHAR(4)	
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_DOCUMENT_T .....	DOCNR_DT .....	UNIQUE
A_DOCUMENT_T .....	DOCNR_NM .....	UNIQUE
A_DOCUMENT_T .....	TAG .....	UNIQUE
A_IX114_3_T .....	NSN .....	NONUNIQUE
A_IX114_3_T .....	TAG .....	NONUNIQUE
<b>TABLE A0917T</b> .....	dataspace appl_data	
DOCNR_DT .....	NOT NULL .....	NUMBER(7)
DOCNR_NM .....	NOT NULL .....	NUMBER(5)
TO_SUPPLY .....	NOT NULL .....	CHAR(80)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_SUPPLY_T .....	DOCNR_DT .....	UNIQUE
A_SUPPLY_T .....	DOCNR_NM .....	UNIQUE
A_SUPPLY_T .....	TAG .....	UNIQUE
<b>TABLE A0918T</b> .....	dataspace appl_data	
SUPPLY_STATUS.....	NOT NULL .....	CHAR(80)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_SUPP_STAT_T .....	SUPPLY_STATUS.....	UNIQUE
A_SUPP_STAT_T .....	TAG .....	UNIQUE
<b>TABLE A0919T</b> .....	dataspace appl_data	
DOCNR_DT .....	NOT NULL .....	NUMBER(7)
DOCNR_NM .....	NOT NULL .....	NUMBER(5)
TRANSCDE .....	NOT NULL .....	CHAR(3)
IND_SSN .....	.....	CHAR(9)
NSN .....	.....	CHAR(13)
QUANTITY.....	NOT NULL .....	NUMBER(12)
TOTAL_VALUE.....	NOT NULL .....	NUMBER(16,2)
HR_NUM .....	.....	CHAR(11)
UIC .....	.....	CHAR(6)
VOUCHER.....	.....	CHAR(14)
DEPRECIATION.....	.....	CHAR(1)
CONDITION .....	.....	CHAR(1)
AAR_FLAG.....	.....	CHAR(1)
COMPDTE .....	.....	CHAR(8)
COMMENT1 .....	.....	CHAR(27)
COMMENT2 .....	.....	CHAR(27)
COMMENT3 .....	.....	CHAR(27)
REMARK.....	.....	CHAR(27)
TAG .....	NOT NULL .....	CHAR(4)
LOGNAME .....	.....	CHAR(14)
DISPOSAL.....	.....	CHAR(1)
DEMIL.....	.....	CHAR(1)
EOD_FLAG.....	.....	CHAR(2)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX117_3_T .....	TAG .....	NONUNIQUE
A_IX117_3_T .....	TRANSCDE .....	NONUNIQUE
A_DOCNR_19_T .....	DOCNR_DT .....	NONUNIQUE
A_DOCNR_19_T .....	DOCNR_NM .....	NONUNIQUE
A_DOCNR_19_T .....	TAG .....	NONUNIQUE
<b>TABLE A0920T</b> .....	dataspace appl_data	
LOANDTE .....	NOT NULL .....	NUMBER(7)
LOANNUM.....	NOT NULL .....	NUMBER(5)
DUEDTE .....	NOT NULL .....	NUMBER(7)
UIC .....	NOT NULL .....	CHAR(6)
IND_SSN .....	NOT NULL .....	CHAR(9)
INDIV_NAME.....	NOT NULL .....	CHAR(27)
PHONE.....	NOT NULL .....	CHAR(7)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>

A_LOAN20_T .....	LOANNUM .....	UNIQUE
A_LOAN20_T .....	LOANDTE .....	UNIQUE
A_LOAN20_T .....	TAG .....	UNIQUE

<b>TABLE A0921T</b> .....	dataspace appl_data	
LOANDTE .....	NOT NULL .....	NUMBER(7)
LOANNUM .....	NOT NULL .....	NUMBER(5)
NSN .....	NOT NULL .....	CHAR(13)
LQTY .....	NOT NULL .....	NUMBER(6)
TAG .....	NOT NULL .....	CHAR(4)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IX238_3_T .....	NSN .....	NONUNIQUE
A_IX238_3_T .....	TAG .....	NONUNIQUE
A_LOAN21_T .....	LOANNUM .....	NONUNIQUE
A_LOAN21_T .....	LOANDTE .....	NONUNIQUE
A_LOAN21_T .....	TAG .....	NONUNIQUE

<b>TABLE A0922T</b> .....	dataspace appl_data	
CNTLCDE .....	NOT NULL .....	CHAR(1)
CNTLNUM .....	NOT NULL .....	NUMBER(5)
TAG .....	NOT NULL .....	CHAR(4)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IX120_1_T .....	CNTLCDE .....	UNIQUE
A_IX120_1_T .....	TAG .....	UNIQUE

<b>TABLE A0923T</b> .....	dataspace appl_data	
CATEGORY .....	NOT NULL .....	CHAR(1)
SIZED .....	NOT NULL .....	CHAR(1)
ASL .....	NOT NULL .....	NUMBER(12)
OL .....	NOT NULL .....	NUMBER(6)
TAG .....	NOT NULL .....	CHAR(4)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_OP_LEVEL_T .....	SIZED .....	UNIQUE
A_OP_LEVEL_T .....	ASL .....	UNIQUE
A_OP_LEVEL_T .....	TAG .....	UNIQUE
A_OP_LEVEL_T .....	CATEGORY .....	UNIQUE

<b>TABLE A0924T</b> .....	dataspace app_data	
RDTE .....	NOT NULL .....	CHAR(8)
NSN .....	NOT NULL .....	CHAR(13)
BEGBAL .....	NOT NULL .....	NUMBER(8)
SUMISSU .....	NOT NULL .....	NUMBER(8)
SUMTRNS .....	NOT NULL .....	NUMBER(8)
SUMDXL .....	NOT NULL .....	NUMBER(8)
SUMDXG .....	NOT NULL .....	NUMBER(8)
SUMFOI .....	NOT NULL .....	NUMBER(8)
SUMSSAS .....	NOT NULL .....	NUMBER(8)
SUMSSAU .....	NOT NULL .....	NUMBER(8)
SUMDRMS .....	NOT NULL .....	NUMBER(8)
SUMDRMU .....	NOT NULL .....	NUMBER(8)
SUMMREC .....	NOT NULL .....	NUMBER(8)
SUMLTIN .....	NOT NULL .....	NUMBER(8)
SUMLTOT .....	NOT NULL .....	NUMBER(8)
SUMRSL .....	NOT NULL .....	NUMBER(8)
SUMSCL .....	NOT NULL .....	NUMBER(8)
SUMCCL .....	NOT NULL .....	NUMBER(8)
SUMAARL .....	NOT NULL .....	NUMBER(8)
SUMAARG .....	NOT NULL .....	NUMBER(8)
SUMIARL .....	NOT NULL .....	NUMBER(8)
SUMIARG .....	NOT NULL .....	NUMBER(8)
TAG .....	NOT NULL .....	CHAR(4)
SUMINTG .....	NOT NULL .....	NUMBER(8)
SUMINTL .....	NOT NULL .....	NUMBER(8)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IX121_1_T .....	RDTE .....	NONUNIQUE
A_IX121_1_T .....	TAG .....	NONUNIQUE

<b>TABLE A0925T</b> .....		
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD .....	NOT NULL .....	CHAR(3)
NSN .....	NOT NULL .....	CHAR(13)
AQTY .....	NOT NULL .....	NUMBER(6)
OHQTY .....	NOT NULL .....	NUMBER(6)

IQTY.....	NOT NULL .....	NUMBER(6)
CFQTY.....	NOT NULL .....	NUMBER(6)
TRF .....		1CHAR(1)
TURNED_IN_FLAG.....		CHAR(1)
FROM_TAG.....		CHAR(4)
FROM_CIF NAME .....		CHAR(39)
GOING_TO_CIFNAME .....		CHAR(39)
GOING_TO_TAG.....		CHAR(4)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_0925_T .....	IND_SSN.....	UNIQUE
A_0925_T .....	GOING_TO_TAG.....	UNIQUE
A_0925_T .....	NSN .....	UNIQUE
A_925_TN.....	NSN .....	UNIQUE
A_0925_T .....	IND_SSN.....	UNIQUE
A_925_T .....	FROM_TAG.....	UNIQUE

**TABLE A0926T**.....dataspace appl\_data

COMPDT.....		CHAR(8)
TOADDR .....		CHAR(35)
TOADDR1 .....		CHAR(35)
TOADDR2 .....		CHAR(35)
TOADDR3 .....		CHAR(35)
FROMADDR.....		CHAR(35)
FADDR1 .....		CHAR(35)
FADDR2 .....		CHAR(35)
FADDR3 .....		CHAR(35)
RCS .....		CHAR(10)
PBONAME .....		CHAR(25)
PBOGRAD.....		CHAR(5)
PBOPHONE .....		CHAR(7)
ACCTOFC.....		CHAR(25)
ACCTGRAD.....		CHAR(5)
ACCTPHONE.....		CHAR(7)
AUTHMIL.....		NUMBER(6)
AUTHCIV .....		NUMBER(6)
ASSGCIV .....		NUMBER(6)
ASSGMIL .....		NUMBER(6)
PERSPT .....		NUMBER(6)
PERPROC .....		NUMBER(6)
LINSTK.....		NUMBER(6)
TAG .....		CHAR(4)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_926_T .....	TAG.....	UNIQUE

**TABLE A0929T**.....dataspace appl\_data

IND_SSN.....	NOT NULL .....	CHAR(9)
INDIV_NAME.....	NOT NULL .....	CHAR(27)
IND_SEX_CODE.....	NOT NULL .....	CHAR(1)
UIC .....	NOT NULL .....	CHAR(6)
SEL_CODE .....	NOT NULL .....	CHAR(1)
RANK .....	NOT NULL .....	CHAR(4)
DMOS .....		CHAR(5)
EXP_DPRT_DT.....		CHAR(8)
ENTER_CIF_DT .....		CHAR(8)
CLEAR_CIF_DT .....		CHAR(8)
NEXT_FILE .....	NOT NULL .....	CHAR(1)
TYPE_ISSUE.....	NOT NULL .....	CHAR(1)
TYPE_TURNIN .....		CHAR(1)
FROM_TAG.....		CHAR(4)
GOING_TO_TAG.....		CHAR(4)
FROM_CIFNAME.....		CHAR(39)
GOING_TO_CIFNAME .....		CHAR(39)
GOING_TO_UIC.....		CHAR(6)

<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_IDX_29_T .....	IND_SSN.....	UNIQUE
A_IDX_29_T .....	GOING_TO_TAG.....	UNIQUE
A_IDX_29A_T .....	IND_SSN.....	UNIQUE
A_IDX_29A_T .....	FROM_TAG.....	UNIQUE
IDX_29_UIC_T .....	UIC .....	NONUNIQUE

**TABLE A095ST**.....dataspace appl\_data

UIC .....	NOT NULL .....	CHAR(6)
SEL_CODE .....	NOT NULL .....	CHAR(1)

GENDER.....	CHAR(1)
MENUCD.....	NOT NULL CHAR(3)
TAG .....	NOT NULL CHAR(4)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> ..... <u>UNIQUENESS</u>
A_ITEMS_11X_T .....	UIC.....UNIQUE
A_ITEMS_11X_T .....	SEL_CODE.....UNIQUE
A_ITEMS_11X_T .....	GENDER.....UNIQUE
A_ITEMS_11X_T .....	TAG.....UNIQUE
<b>TABLE A0999T</b> .....	dataspace appl_data
DOCNR_DT .....	NOT NULL NUMBER(7)
DOCNR_NM .....	NOT NULL NUMBER(5)
TRANSCDE .....	NOT NULL CHAR(3)
IND_SSN .....	CHAR(9)
NSN .....	CHAR(13)
QUANTITY.....	NOT NULL NUMBER(6)
HR_NUM .....	CHAR(9)
UIC .....	CHAR(6)
VOUCHER.....	CHAR(14)
DEPRECIATION.....	CHAR(1)
CONDITION .....	CHAR(1)
AAR_FLAG.....	CHAR(1)
COMPDTE.....	CHAR(8)
COMMENT1.....	CHAR(27)
COMMENT2.....	CHAR(27)
COMMENT3.....	CHAR(27)
REMARK.....	CHAR(27)
TAG .....	NOT NULL CHAR(4)
OTHERTAG.....	NOT NULL CHAR(4)
LOGNAME .....	CHAR(14)
TOTAL_VALUE.....	NOT NULL NUMBER(16,2)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> ..... <u>UNIQUENESS</u>
IDX_99_TAG_T .....	DOCNR_DT.....NONUNIQUE
IDX_99_TAG_T .....	DOCNR_NM.....NONUNIQUE
IDX_99_TAG_T .....	OTHERTAG.....NONUNIQUE
IDX_99_DOCNR_T .....	DOCNR_DT.....NONUNIQUE
IDX_99_DOCNR_T .....	DOCNR_NM.....NONUNIQUE
IDX_99_DOCNR_T .....	TAG.....NONUNIQUE
IDX_99_TRANS_T .....	TRANSCDE.....NONUNIQUE
<b>TABLE ADHOC_SVDET</b> .....	dataspace appl_data
QUERY_ID .....	NOT NULL NUMBER(12)
DATA_TYPE.....	NUMBER(12)
DATA_TEXT .....	CHAR(60)
PRINTORDER.....	NUMBER(12)
SORT_DIRECT .....	CHAR(4)
CONDITION .....	CHAR(11)
VALUE.....	CHAR(32)
AND_OR.....	CHAR(3)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> ..... <u>UNIQUENESS</u>
IX115_1 .....	QUERY_ID.....NONUNIQUE
<b>TABLE ADHOC_SVQRY</b> .....	dataspace appl_data
QUERY_NAME .....	NOT NULL CHAR(60)
USER_ID .....	CHAR(8)
QUERY_ID .....	NUMBER(12)
SAVE_DATE.....	CHAR(10)
COMMENT1.....	CHAR(60)
COMMENT2.....	CHAR(60)
SEL_TYPE.....	NUMBER(12)
ADV_QUERY .....	CHAR(1)
SHOW_TO_ALL .....	CHAR(1)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> ..... <u>UNIQUENESS</u>
ADHOC_SVIDX.....	QUERY_NAME.....UNIQUE
ADHOC_SVIDX.....	USER_ID.....UNIQUE
ADHOC_SVIDX .....	SHOW_TO_ALL.....UNIQUE
<b>TABLE ADHOC_TBL</b> .....	dataspace app_data
ADHOC_ID.....	NOT NULL CHAR(10)
OWNER.....	CHAR(8)
TABLE_NAME .....	CHAR(18)
COL_NAME.....	CHAR(18)
COL_LENGTH.....	NUMBER(6)

COL_TYPE.....		NUMBER(6)
HAS_NULLS.....		CHAR(1)
DBPATH.....		CHAR(60)
ALIAS.....		CHAR(20)
SHOW.....		CHAR(1)
KEY.....		CHAR(1)
MASTER.....		CHAR(1)
COMMENT1.....		CHAR(50)
<b>TABLE ECPS_TBL.....</b> dataspace appl_data		
ORIGIN.....		CHAR(12)
REPT_TYPE.....	NOT NULL	CHAR(14)
SEND_TO.....		CHAR(28)
SENT_FROM.....		CHAR(25)
ATTN.....		CHAR(26)
SENT_FROM2.....		CHAR(25)
POC.....		CHAR(20)
PHONE.....		CHAR(13)
TITLE.....		CHAR(20)
PRIORITY.....		CHAR(9)
APP_VER.....		CHAR(20)
BASELINE.....		CHAR(20)
PROB_DATE.....	NOT NULL	CHAR(10)
PROG_ID.....		CHAR(66)
PROB_TITLE.....		CHAR(66)
PROB_DESCR.....		VARCHAR2(960)
EFFECT.....		VARCHAR2(420)
REC_SOL.....		VARCHAR2(480)
REMARKS.....		VARCHAR2(900)
ECPS_DATE.....	NOT NULL	CHAR(10)
USER_ID.....	NOT NULL	CHAR(8)
SUBMIT.....	NOT NULL	CHAR(1)
<b>TABLE ITEMS_DISPOSED.....</b> dataspace appl_data		
NSN.....	NOT NULL	CHAR(13)
TAG.....	NOT NULL	CHAR(4)
DOC_DTE.....	NOT NULL	CHAR(7)
DOC_NUM.....	NOT NULL	CHAR(4)
DISPOS_DTE.....		CHAR(8)
CNT.....		NUMBER(6)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENESS</u>
A_ITEMS_DIS_T.....	DOC_DTE.....	NONUNIQUE
A_ITEMS_DIS_T.....	DOC_NUM.....	NONUNIQUE
A_ITEMS_DIS_T.....	NSN.....	NONUNIQUE
A_ITEMS_DIS_T.....	TAG.....	NONUNIQUE
<b>TABLE LINKED_TABLES.....</b> dataspace appl_data		
TABLE_NAME.....		CHAR(18)
IS_LINKED.....		CHAR(1)
<b>TABLE MAX_ID.....</b> dataspace appl_data		
TABNAME.....	NOT NULL	CHAR(18)
MAXID.....	NOT NULL	NUMBER(12)
<u>INDEX NAME</u> .....	<u>COLUMN NAME</u> .....	<u>UNIQUENES</u>
IX100_1.....	TABNAME.....	UNIQUE
<b>TABLE MWO.....</b> dataspace appl_data		
NSN.....	NOT NULL	CHAR(13)
TAG.....	NOT NULL	CHAR(4)
M201.....	NOT NULL	NUMBER(4)
M202.....	NOT NULL	NUMBER(4)
M203.....	NOT NULL	NUMBER(4)
M204.....	NOT NULL	NUMBER(4)
M205.....	NOT NULL	NUMBER(4)
M206.....	NOT NULL	NUMBER(4)
M207.....	NOT NULL	NUMBER(4)
M208.....	NOT NULL	NUMBER(4)
M209.....	NOT NULL	NUMBER(4)
M210.....	NOT NULL	NUMBER(4)
M211.....	NOT NULL	NUMBER(4)
M212.....	NOT NULL	NUMBER(4)
M101.....	NOT NULL	NUMBER(4)
M102.....	NOT NULL	NUMBER(4)
M103.....	NOT NULL	NUMBER(4)

M104.....	NOT NULL .....	NUMBER(4)
M105.....	NOT NULL .....	NUMBER(4)
M106.....	NOT NULL .....	NUMBER(4)
M107.....	NOT NULL .....	NUMBER(4)
M108.....	NOT NULL .....	NUMBER(4)
M109.....	NOT NULL .....	NUMBER(4)
M110.....	NOT NULL .....	NUMBER(4)
M111.....	NOT NULL .....	NUMBER(4)
M112.....	NOT NULL .....	NUMBER(4)
M001.....	NOT NULL .....	NUMBER(4)
M002.....	NOT NULL .....	NUMBER(4)
M003.....	NOT NULL .....	NUMBER(4)
M004.....	NOT NULL .....	NUMBER(4)
M005.....	NOT NULL .....	NUMBER(4)
M006.....	NOT NULL .....	NUMBER(4)
M007.....	NOT NULL .....	NUMBER(4)
M008.....	NOT NULL .....	NUMBER(4)
M009.....	NOT NULL .....	NUMBER(4)
M010.....	NOT NULL .....	NUMBER(4)
M011.....	NOT NULL .....	NUMBER(4)
M012.....	NOT NULL .....	NUMBER(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENES</u>
MWO_T .....	TAG .....	UNIQUE
MWO_T .....	NSN .....	UNIQUE
<b>TABLE MENU_TBL</b> .....	dataspace appl_data	
MENU_ITEM.....	NOT NULL .....	CHAR(70)
COMMAND_LINE.....	NOT NULL .....	CHAR(70)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
IX208_1 .....	MENU_ITEM.....	UNIQUE
<b>TABLE NSN_MASTER</b> .....	dataspace appl_data	
REF_NO .....	NOT NULL .....	NUMBER(6)
SIZ .....	.....	CHAR(5)
NSN .....	NOT NULL .....	CHAR(13)
LONG_NOMEN .....	NOT NULL .....	CHAR(30)
PRICE .....	NOT NULL .....	NUMBER(10,2)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
NSN_MASTER_1_T .....	NSN .....	UNIQUE
NSN_MASTER_2_T .....	REF_NO.....	UNIQUE
NSN_MASTER_2_T .....	SIZ.....	UNIQUE
<b>TABLE PAR_ISSW</b> .....	dataspace appl_data	
IND_SSN .....	NOT NULL .....	CHAR(9)
MENUCD.....	NOT NULL .....	CHAR(3)
REF_NO.....	NOT NULL .....	NUMBER(6)
SIZ .....	.....	CHAR(5)
NSN .....	.....	CHAR(13)
AQTY.....	NOT NULL .....	NUMBER(6)
OHQTY.....	NOT NULL .....	NUMBER(6)
IQTY.....	NOT NULL .....	NUMBER(6)
CFQTY.....	NOT NULL .....	NUMBER(6)
TRF .....	.....	CHAR(1)
TURNUED_IN_FLAG.....	.....	CHAR(1)
REC_TYPE.....	.....	CHAR(2)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_PARISS_12_T .....	IND_SSN.....	UNIQUE
A_PARISS_12_T .....	MENUCD.....	UNIQUE
A_PARISS_12_T .....	REF_NO.....	UNIQUE
A_PARISS_12_T .....	TAG.....	UNIQUE
<b>TABLE PRINTER</b> .....	dataspace appl_data	
DEVICE_NAME.....	NOT NULL .....	CHAR(15)
DESCRIPTION .....	NOT NULL .....	CHAR(60)
PRINTER_CLASS.....	.....	CHAR(20)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IDX_PRT_T .....	DEVICE_NAME.....	UNIQUE
A_IDX_PRT_T .....	PRINTER_CLASS.....	UNIQUE
A_IDX_PRT_T .....	TAG.....	UNIQUE

<b>TABLE PRINTER_DEFAULT</b> .....	dataspace appl_data	
USERNAME .....	NOT NULL .....	CHAR(14)
PRINTER_CLASS .....	NOT NULL .....	CHAR(20)
PRINTER_NAME .....	NOT NULL .....	CHAR(15)
FORM .....	.....	CHAR(10)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IDX_93T_T .....	PRINTER_CLASS .....	UNIQUE
A_IDX_93T_T .....	PRINTER_NAME .....	UNIQUE
A_IDX_93T_T .....	FORM .....	UNIQUE
A_IDX_93T_T .....	TAG .....	UNIQUE
A_IDX_93T_T .....	USERNAME .....	UNIQUE
<b>TABLE REF_MASTER</b> .....	dataspace appl_data	
REF_NO .....	NOT NULL .....	CHAR(6)
SHORT_NOMEN .....	NOT NULL .....	CHAR(20)
RICC .....	NOT NULL .....	CHAR(1)
ARC .....	NOT NULL .....	CHAR(1)
CIIC .....	NOT NULL .....	CHAR(1)
UI .....	NOT NULL .....	CHAR(2)
CAT .....	NOT NULL .....	CHAR(1)
SIZED .....	NOT NULL .....	CHAR(1)
PKG .....	NOT NULL .....	NUMBER(6)
BOI .....	NOT NULL .....	NUMBER(6)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
REF_MASTER_1 .....	REF_NO .....	UNIQUE
<b>TABLE SECURITY</b> .....	dataspace appl_data	
LOGNAME .....	NOT NULL .....	CHAR(14)
USER_ID .....	NOT NULL .....	NUMBER(10)
ITEM .....	NOT NULL .....	CHAR(60)
SYS_ADM .....	NOT NULL .....	CHAR(1)
TAG .....	NOT NULL .....	CHAR(4)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
A_IX126_4_T .....	SYS_ADM .....	NONUNIQUE
A_IX126_4_T .....	TAG .....	NONUNIQUE
A_IX207_1_T .....	LOGNAME .....	NONUNIQUE
A_IX207_1_T .....	TAG .....	NONUNIQUE
<b>TABLE TRANSFER</b> .....	dataspace appl_data	
FROM_TAG .....	NOT NULL .....	CHAR(4)
GOING_TO_TAG .....	NOT NULL .....	CHAR(4)
DOC_DTE .....	NOT NULL .....	CHAR(7)
DOC_NUM .....	NOT NULL .....	CHAR(4)
NSN .....	NOT NULL .....	CHAR(13)
TRANS_DTE .....	.....	CHAR(8)
RCVD_DTE .....	.....	CHAR(8)
CC .....	.....	CHAR(1)
QTY .....	NOT NULL .....	NUMBER(6)
QTY_RCVD .....	NOT NULL .....	NUMBER(6)
FROM_MA .....	NOT NULL .....	CHAR(1)
<u>INDEX_NAME</u> .....	<u>COLUMN_NAME</u> .....	<u>UNIQUENESS</u>
TRANSFER1_T .....	FROM_TAG .....	UNIQUE
TRANSFER1_T .....	GOING_TO_TAG .....	UNIQUE
TRANSFER1_T .....	DOC_DTE .....	UNIQUE
TRANSFER1_T .....	DOC_NUM .....	UNIQUE
TRANSFER1_T .....	NSN .....	UNIQUE

## **12 ENTITY RELATIONSHIP DIAGRAM**



## 13 DATA DICTIONARY

### Explanation of Report Format

**NOTE:** All information in this report, except RANGE, REQ and DESCRIPTION, is derived from the Database schema.

**MNEMONIC:** The first line in each grouping consists of the Database name followed by the table name. Subsequent lines consist of data elements listed within that table in the order they occur in the schema.

**TYP:** Type of data element:  
B Bit String or Binary Data  
C Character  
D Decimal  
F Floating Point  
N Number  
V2 Vaechar2

**LEN:** Length of element (bytes)

**NUL:** NULLs allowed:  
- field may have a NULL value  
N field must have a non NULL value

**REQ:** Indicates whether the value in a field is required in order to add the record:  
- value is not required  
C value is required according to conditions stated in DESCRIPTION  
R value is required

**KEY:** Type of key:  
D element is indexed with duplicates allowed  
U record is uniquely identified by a key (Components of the key are identified below by number).

**LVL:** This identifies the order of the components in the index: Range is 1 (highest level order) through 16 (lowest level order).

**RANGE:** Range of allowed values of data element. This information should be derived from the Functional Description.

**Notes on Data Dictionary:**

1. The following tables should not require conversion from other systems:

a0901t, a0917t, a0918t, a0922t, a0923t, a0925t

2. Installation Unique/Default data (a0901t) stores various elements related to each individual site.

The tag field is used to store an installation identification code and should be established during data conversion or when adding a new Annex. This field is also used to identify CIF database records and document numbers. This field is used by the majority of tables in the CIF database for Annexation purposes.

The cif\_name field is used to store the installation name and the DPI (Data Processing Installation) code, which is taken from the site menu and available by F2 choices. The data stored in this table must be provided before data conversion can be completed.

3. Property Book - Lines (a0902t and ref\_master ) stores lin data on the items available through the CIF. The a0902t table stores all lin(s) associated to a specific Central Issue Facility and nef\_master has all specific lin(s) in the Subject Area Data Base (SADB).

The field ref\_no stores the line number assigned by the CIF to identify the item.

4. Property Book – NSNS (a0903t and nsn\_master) stores nsn information on the items available through the CIF. The a0903t table stores all nsn(s) associated to a specific Central Issue Facility and nsn\_master has all specific nsn(s) in the Subject Area Data Base (SADB) which is based on the Fed Log.

Detailed information of some of the quantity fields in a0903t is listed below. Information on all fields in this table will be listed later in this data dictionary.

ohq (on hand quantity) - the total quantity on hand to include quantities in laundry, maintenance, and on loan, etc. (i.e. it is the shelf quantity plus the quantity in laundry, the quantity in maintenance, the quantity on loan (hand receipts) and the quantity in suspense (pending lateral transfer out and turn ins to (SSA/DRMO).

qpbs (quantity possessed by soldiers) - the total quantity of the item in the hands of the troops with automated clothing records (it would not include any manual clothing records).

Daily Transaction quantities (total quantity of items processed through the various transactions between end of day runs; the end-of-day sets the summary fields to 0 and sets the beginning balance equal to the ohq); the end of day is meant to run daily. Conversion should set begbal equal to ohq and summary fields to 0.

5. Unit Descriptions (a0904t) stores unit names and Unit Identification Codes (UICs).
6. UIC Cross Reference (a0905t) assigns a menu code to the UIC/Grade or Rank/Gender combination. Grade or Rank can be O (Officer), W (Warrant Officer), 6 (E6 and below), 7 (E7 and above), or C (Civilian). Gender is M (Male) or F (Female). Menu codes must exist on the a0906t (menu) table.
7. Menus (a0906t) indicates which items are to be issued to the soldiers receiving the menu code. Reference numbers must be on a0902t, aqty can be 0 - 99, and transferable items are (carried forward) or blank.
8. IAR History (a0907t) records the date and the net gain or loss value from the Final Inventory Adjustment Report. All dates that are 8 characters long are recorded as YYYYMMDD.
9. Summary of Operation Detail (a0909t) records the information required for the Summary of Operations report. It is collected during the end-of-day procedure from the summary fields.
10. Laundry/Maintenance/Classification Register (a0910t) records items sent to the laundry or maintenance facility. The lmc\_reg\_num consists of the char 'C' followed by the 4 digit Julian date and a 4 digit serial number (C23200001). Transtype is L=Laundry or M=Maintenance. NSN must be on a0903t. The tag which is the Installation Identification Code, will be printed before the lmc\_reg\_num to identify which installation printed the document. Classify does not produce a document number, however; it rearranges values according to From Condition Code to To Condition Code.
11. Personnel (a0911t) contains the personal data of all individuals with worksheets, clothing records or clearing statements. SSN can appear only once on this table. The SSN can have matching records on only one of the following tables: a0912t, a0914t, or a0915t.

Detailed information on some of the date fields in a0911t is listed below. Information on all fields in this table

will be listed later in this data dictionary.

enter\_cif\_dt - date issue is received. This field will be blank for those individuals with worksheets only.

clear\_cif\_dt - date individual cleared CIF. This will be blank for those individuals with worksheets or clothing records. Only those individuals who have completely turned in all items will have clearing dates.

12. Clothing Items (3645) a0912t - records the items issued to the individual. This table is only for those individuals who have received their issue (not awaiting issue or have cleared).

Detailed information on some fields from a0912t is listed below. Information on all fields in this table will be listed later in this data dictionary.

tag -	Installation Identification code of where the item was issued
menucd (menu code) -	from a0906t, menu that was issued
ref_no (reference number - item that was issued (from a0906t, must be on or line number)	a0902t)
siz (size) -	size of the item issued; blank if non-sized item
aqty (authorized quantity) -	quantity authorized to the individual (from a0906t)
ohqty (on hand quantity) -	quantity the individual has in their possession (includes the carry forward qty)
iqty (issue quantity) -	quantity issued from the CIF; temporary field for printing ` purposes; can be set to 0
cfqty (carry forward quantity) -	quantity of the item the individual brought from another CIF
trf (transferable code) -	Y indicates item is transferable; can be blank (from a0906t)
turned_in_flag -	flag used during partial turn ins to indicate which items have been turned in

13. Due Out Items (a0913t) records those records from a0912t where the aqty is greater than the ohqty. Doqty records the difference (aqty - ohqty).
14. Worksheets (a0914t) records those items to be issued to an individual. Created through the Preload Trainee or Initial Issue Reception functions. The fields menucd, ref\_no, aqty, and trf are copied from the a0906t. Siz = "\*\*\*\*\*", cfqty is the quantity the individual brought with him/her, and iqty - aqty - cfqty.
15. Carry Forward Items (a0915t) records those items that the individual took upon clearing the CIF.
16. Requisitions (a0916t) records the requisition history register. Open and closed requisitions are contained on this table.

Detailed information on the bj\_adj field of a0916t is described below. Information on all fields in this table can be found later in this data dictionary.

bj_adj (bj adjustments) -	the + or - quantity the quantity requested was adjusted by (for example, if the quantity requested was 98 and a BJ status of 100 was received, the bj_adj would be +2; if the quantity requested was 25 and a BJ of 24 was posted, the bj_adj would be -1)
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17. To Supply (a0917t) is used to store any transactions into the supply system (SAILS/SARRS/etc.). These transactions should be processed prior to conversion.
18. Supply Status (a0918t) is used to store any transactions from the supply system. These transactions should be processed prior to conversion.
19. Transactions (a0919t) records all transactions that affect the property book on hand balance. The following fields are required on all records: docnr\_dt, docnr\_nm, and transcd.

Detailed information on some fields from a0919t is listed below. Information on all fields in this table can

be found later in the data dictionary.

- aar\_flag - for adjustment transactions, indicates “from” and “to” of adjusted item
- compdte - completion date; only blank for lateral transfers out and turn ins to SSA/DRMO that have not yet been posted

Some transactions will have multiple records with the same document number and some will have only one record.

Statement of Charges, Cash Collection, and Report of Survey (Individual):

- one record/nsn on document (same document number)
- required fields - ind\_ssn, nsn, quantity, total\_value, depreciation, compdte, and tag

Statement of Charges, Cash Collection and Report of Survey (Hand Receipt):

- one record/nsn on document (same document number)
- required fields - nsn, quantity, total\_value, hr\_num, depreciation, compdte, and tag

Found on Installation:

- one transaction record
- required fields - nsn, quantity, total\_value, compdte, and tag

Inventory Adjustment Report:

- one transaction record

Adjust Item:

- one record per nsn
- required fields - nsn, quantity, total\_value, aar\_flag, compdte, and tag

Lateral Transfer Out (open):

- one record per nsn
- required fields - nsn, quantity, total\_value, uic, and tag

Lateral Transfer Out (closed):

- quantity and total\_value will be adjusted if necessary
- voucher and compdte will be posted

Lateral Transfer In:

- one record per nsn
- required fields - nsn, quantity, total\_value, uic, voucher, compdte, and tag

Turn In to SSA/DRMO (open):

- one record
- required fields - nsn, quantity, total\_value, condition, and tag

Turn In to SSA/DRMO (close):

- quantity and total\_value will be adjusted if necessary
- compdte will be posted

Direct Exchange (Individual):

- one record
- required fields - ind\_ssn, quantity, total\_value, compdte, and tag

Direct Exchange (Bulk):

- one record
- required fields - quantity, total\_value, compdte, and tag

Initial Issue:

- one record with ind\_ssn, total\_value, compdte, and tag

Additional Issue:

- one record with ind\_ssn, total\_value, compdte, and tag

Due Out Issue:

- one record with ind\_ssn, total\_value, compdte, and tag

Complete Turn In:

- one record with ind\_ssn, total\_value, compdte, and tag

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Partial Turn In:

one record with ind\_ssn, total\_value, compdte, and tag

20. Hand Receipt Recipient (a0920t) records who received a hand receipt. Loandte is the 5-digit Julian date and loannum is a 4-digit serial number. Due date is the date the items are scheduled to be returned to the CIF. There must be at least one a0921t record.
21. Hand Receipt Items (a0921t) records the items the hand receipt holder was issued. There must be an a0920t record. Loandte and loannum match a0920t. Nsn is from a0903t and lqty is the quantity currently on loan to the individual/unit.
22. Document Control Numbers (a0922t) is used to keep track of document numbers for all CIF transactions. These numbers are created automatically upon login.
23. Operating Levels (a0923t) can be built after installation of CIF software or could be included as part of installation.
24. Daily Transaction History (a0924t) records the summary fields from the a0903t table for each nsn every day (rdte). It is created during end of day. This table is utilized for the Monthly Transaction Register.
25. Transfer In Clothing Items (a0925t) stores unit or individual transfers. Any unit or individual transfers should be completed prior to conversion.
26. Summary of Operations (a0926t) stores information for the six month report.
27. Unit Transfer (a0929t) stores personal data for soldiers transferring to another Main or Annex CIF. This table only maintains transfers of valid clothing records.
28. Special Menu Code (a095st) stores information pertaining to special menu codes assigned to a UIC.
29. Transactions Between Installations (a0999t) stores data between Main and the Annex CIF which will be used on their end-of-day reports.
30. Items Disposed (items\_disposed) tracks items which have been sent to DRMO.
31. Partial Issue Worksheet (par\_issw) holds worksheet data needed for the partial issue worksheet printout. This information is deleted after the worksheet is printed.
32. Transfer of Items Between Installations (transfer) is used for the transfer of items between the CIF (Main and Annex).
33. The Monthly Washout (mwo) is used to track the number of washouts that month for a particular nsn at the CIFs (Main and Annex). The default value for the washout number is:-1.
34. Eight other tables that are used by the CIF functions: Ad Hoc SVDET, Ad Hoc Save Query, ECP - S Table, Maximum Identification, Menu Tables, Printers, Printer Defaults, and Security. They were developed by the Information Foundation for Security, printer control, and Installation-Specific applications. Further information on the aforementioned tables will be provided.
35. Y2K Compliance. Some of fields that store date information in the following tables were increased to comply with Y2K requirements: a0910t, a0916t, a0917t, a0919t, a0920t, a0921t, a0999t, items\_disposed, and transfer. The screen format/length will remain the same even though the length has been increased. Any information stored in [ ] in the Edit Criteria section throughout this document will be stored in the database and will not be visible to the user.

**TABLE RELATIONSHIP OVERVIEW**

Tables	Unique Field(s)	Conditions
a0905t, a0906t	menucd, tag	For each record in a0905t, there must be at least one record in a0906t
a0906t, a0902t,	ref_no, tag	For each record in a0906t, there must be one record in a0902t
a0910t, a0903t	nsn, tag	For each record in a0910t, there must be one record in a0903t
a0912t, a0903t	nsn, tag	For each record in a0912t, there must be one record in a0903t
a0912t, a0911t	ind_ssn, tag	For each record in a0912t, there must be one record in a0911t
a0913t, a0911t	ind_ssn, tag	For each record in a0913t, there must be one record in a0911t
a0913t, a0912t	ind_ssn, menucd, ref_no, siz, tag	For each record in a0913t, there must be one record in a0912t
a0914t, a0906t	menucd, ref_no, tag	For each record in a0914t, there must be one record in a0906t
a0914t, a0911t	ind_ssn, tag	For each record in a0914t, there must be one record in a0911t
a0915t, a0911t	ind_ssn, tag	For each record in a0915t, there must be one record in a0911t
a0916t, a0903t	nsn, tag	For each record in a0916t, there must be at least one record in a0903t
a0920t, a0921t	loannum, tag	For each record in a0920t, there must be at least one record in a0921t
a0921t, a0903t	ref_no, siz, tag	For each record in a0921t, there must be one record in a0903t
a0923t, a0902t	sized, tag	For each record in a0923t, there must be at least one record in a0902t
a0924t, a0903t	nsn, tag	For each record in a0924t, there must be one record in a0903t
a0929t, a0925t	ind_ssn	For each record in a0929t, there must be at least one record in a0925t
a0999t, a0903t	nsn, tag	For each record in a0999t, there must be one record in a0903t
items_disposed, a0903t	nsn, tag	For each record in items_disposed, there must be one record in a0903t
mwo, a0903t	nsn, tag	For each record in mwo, there must be one record in a0903t
nsn_master, a0903t	nsn	For each record in nsn_master, there must be at least one record in a0903t
par_issw, a0911t	ind_ssn, tag	For each record in par_issw, there must be one record in a0911t
ref_master, a0902t	ref_no	For each record in ref_master, there must be at least one record in a0902t
transfer, a0903t	nsn	For each record in transfer, there must be one record in a0903t
ref_master. nsn_master	ref_no	For each record in ref_master, there must be at least one record in nsn_master

**DATA DICTIONARY TABLE**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0901t</b>	<b>CIF Unique Data File</b>							
dodaac	C	6	N				Alphanumeric, cannot be blank.	CIF DOD Activity Address Code (DODAAC)
cif_name	C	39	N	R			Alphanumeric, cannot be blank. Systems administration generated.	Installation Name
ric	C	3					Alphanumeric	Routing Identifier Code
msstat	C	1	N				Alphanumeric, cannot be blank.	Media and Status Code
demcde	C	1	N				R = Recurring or N = Non-Recurring. Cannot be blank.	Demand Code
fundcde	C	2					Alphanumeric	Fund Code
sigcde	C	1					A,B,C,D,J,K,L,M, or W	Signal Code. Used as the ship-to address and bill-to point.
discde	C	1					Alphanumeric	Distribution Code
milcde	C	3					Alphanumeric	MILSTRIP Project Code
pricde	C	2	N				Values 01 through 15, cannot be blank.	Priority Code to identify the relative importance of completing demands
dsucde	C	1					Values A-K except I or blank.	Direct Support Unit (DSU) Code
apccde	C	4					Alphanumeric	Account Processing Code
aoccde	C	1					Alphanumeric	Asset/Object Class Code
advcde	C	2					Alphanumeric	Advice Code. Used by the requisitioning unit of a request for issue.
dicreq	C	3	N				Alphanumeric Cannot be blank.	Default Document Identifier Code (DIC) for requisitions
dicdrmo	C	3	N				Alphanumeric, cannot be blank.	Default DIC for Turn-In to DRMO
dicssa	C	3	N				Alphanumeric, Cannot be blank.	Default DIC for turn-in to SSA
sa_req	C	6					Alphanumeric	Supplementary Address – Requisition
sa_drmo	C	6					Alphanumeric	Supplementary Address – DRMO
sa_ssa	C	6					Alphanumeric	Supplementary Address – SSA
shipfrom1	C	23					Alphanumeric	Ship from address for Turn Ins to SSA/DRMO (1348-1)
shipfrom2	C	23					Alphanumeric	Ship from address for Turn Ins to SSA/DRMO (1348-1)
shipfrom3	C	23					Alphanumeric	Ship from address for Turn Ins to SSA/DRMO (1348-1)
shiptod1	C	23					Alphanumeric	Ship to address for turn ins to DRMO

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
shiptod2	C	23					Alphanumeric	Ship to address for Turn Ins to DRMO
shiptod3	C	23					Alphanumeric	Ship to address for Turn Ins to DRMO
shiptos1	C	23					Alphanumeric	Ship to address for Turn Ins to SSA
shiptos2	C	23					Alphanumeric	Ship to address for Turn Ins to SSA
shiptos3	C	23					Alphanumeric	Ship to address for Turn Ins to SSA
hr_limit	N	4	N				Numeric, cannot be blank.	Hand Receipt Limit. Number of days a Hand Receipt can be held.
station_sort	C	1	N				Y or N, cannot be blank.	Station Sort Code indicates whether CIF issues by station
annex_type	C	1					M=Main A=Annex, cannot be blank.	Type of Annexation
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
ret_factor	N	3,2	N				Cannot be blank, defaults to 2	Retention Factor. A float between 0.0 and 2.0 to be multiplied by the RO in order to determine the retention level.
pro_value	N	3,2	N				Cannot be blank, defaults to 0.	Protection Value. A constant percentage (0% - 100%), applicable to main and all its annexes. The main PBO uses this value to protect a portion of available stock from automatic issue.
conus_oconus	C	1					C-CONUS O-OCONUS	Identifies site location
eodflag	C	1					Y(es) or Null, CIF software generated.	End-of-Day Flag. This field indicates whether end-of-day process is in progress.
<b>a0902t</b>	<b>Property Book – Lines</b>							
ref_no	C	6	N		U		Cannot be blank or 0.	CIF assigned lin number
ts	N	8	N				Cannot be blank, defaults to 0.	Troop Strength
station	N	2					Values 01-99 or Blank. Numeric values only.	Station Code where item is located
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**



MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0903t</b>	<b>Property Book – NSNS</b>							
nsn	C	13	N		U		Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
tariff	N	6	N				0-1000. Defaults to 0 cannot be blank.	Tariff. Amount ordered broken down by sizes.
contg	N	8	N				Cannot be blank, defaults to 0.	Contingency/Training Quantity. The quantity authorized for contingency or training purposes.
ohq	N	8	N				Cannot be blank, defaults to 0.	The On-Hand Quantity in the CIF, Maintenance, Laundry, Classify, Suspense, and Hand Receipt.
qpbs	N	8	N				Cannot be blank, defaults to 0.	Quantity Possessed by Soldiers. The total number of the item which has been issued to members of installation units.
ccl	N	8	N				Cannot be blank, defaults to 0.	The total quantity of the item at the laundry facility.
ccm	N	8	N				Cannot be blank, defaults to 0.	The total quantity of the item at the maintenance facility (Clothing and Equipment (C&E)).
cch	N	8	N				Cannot be blank, defaults to 0.	The total quantity of the item that is uneconomically repairable.
cck	N	8	N				Cannot be blank, defaults to 0.	The total quantity of the items(s) to be disposed.
lqty	N	8	N				Cannot be blank, defaults to 0.	Loan Quantity. The total quantity of the item on hand receipts.
diqty	N	8	N				Cannot be blank, defaults to 0.	Due In Quantity. The total quantity of the item due in on requisitions.
doqty	N	8	N				Cannot be blank, defaults to 0.	Due Out Quantity. The total quantity of the item due out to the troops.
sqty	N	8	N				Cannot be blank, defaults to 0.	Quantity in Suspense. The total quantity of the item on open lateral transfers out and turn ins to SSA or DRMO.
invflag	C	1					Y or Blank.	Inventory Flag. Flag indicating item is to be part of current inventory (set to blank for conversions).
invqty_cck	N	8	N				Cannot be blank, defaults to 0.	Inventory Quantity. The quantity posted during last inventory of Condition Code K items.
invqty	N	8	N				Cannot be blank, defaults to 0.	Inventory Quantity. The quantity posted during last inventory of Condition Code B items.
invdte	C	8					YYYYMMDD, system generated.	Date of Last Inventory. The date item was inventoried.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
begbal	N	8	N				Cannot be blank, defaults to 0.	Daily Beginning Balance. The total quantity on hand at the beginning of the day.
sumissu	N	8	N				CIF software generated.	Daily summary of Issues. The total quantity of the item issued during the current cycle.
sumtrns	N	8	N				CIF software generated.	Daily summary of turn ins. The total quantity of the item turned in by soldiers clearing.
sumdxl	N	8	N				CIF software generated.	Daily summary of Direct Exchange Losses – total quantity of the item directly exchanged
sumdxg	N	8	N				CIF software generated.	Daily summary of Direct Exchange Gains – total quantity of the item direct exchanged
sumfoi	N	8	N				CIF software generated.	Daily Found on Installation Quantity. The daily total quantity of the Item picked up as “Found on Installation”.
sumssas	N	8	N				CIF software generated.	Daily summary of Turn Ins to SSA as Serviceable - total quantity of the item turned in to SSA as serviceable
sumssau	N	8	N				CIF software generated.	Daily summary of Turn Ins to SSA as Unserviceable - total quantity of the item turned in to SSA as unserviceable
sumdrms	N	8	N				CIF software generated.	Daily summary of Turn Ins to DRMO as Serviceable - total quantity of the item turned in to DRMO as serviceable
sumdrmu	N	8	N				CIF software generated.	Daily summary of Turn Ins to DRMO as Unserviceable - total quantity of the item turned in to DRMO as unserviceable
summrec	N	8	N				CIF software generated.	Daily summary of Receipts Posted – Requisitions. The total quantity of the item received from SSA.
sumltin	N	8	N				CIF software generated.	Daily summary of Lateral Transfers In. The total quantity of Lateral Transfers In.
sumltot	N	8	N				CIF software generated.	Daily summary of Lateral Transfers Out. The total quantity of Lateral Transfers Out.
sumrsl	N	8	N				CIF software generated.	Daily summary of Report of Survey – Loss. The total quantity Report of Survey Loss.
sumscl	N	8	N				CIF software generated.	Daily summary of Statement of Changes – Loss. The total quantity of statement of charges loss.
sumccl	N	8	N				CIF software generated.	Daily summary of Cash Collection – Loss. The total quantity of cash collection-loss.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
sumaar1	N	8	N				CIF software generated.	Daily summary of administrative adjustments loss. The total quantity of AAR – Losses.
sumaarg	N	8	N				CIF software generated.	Daily summary of administrative adjustments gain. The total quantity of AAR – Gains
sumiar1	N	8	N				CIF software generated.	Daily summary of inventory adjustments loss. The total quantity of IAR – Losses.
sumiarg	N	8	N				CIF software generated.	Daily summary of inventory adjustments gain. The total quantity of IAR – Gains.
sumintg	N	8	N				CIF software generated.	Daily summary of Intransit Gain. The total quantity of intransit gain.
sumintl	N	8					CIF software generated.	Daily summary of Intransit Loss. The total quantity of intransit loss.
whse1	C	5					Alphanumeric	Warehouse Location 1. The warehouse location for stockage of the item (building, row, bin).
whse2	C	5					Alphanumeric	Warehouse Location 2. Same as warehouse location prime.
whse3	C	5					Alphanumeric	Warehouse Location 3. Same as warehouse location prime.
whse4	C	5					Alphanumeric	Warehouse Location 4. Same as warehouse location prime.
whse5	C	5					Alphanumeric	Warehouse Location 5. Same as warehouse location prime.
whse6	C	5					Alphanumeric	Warehouse Location 6. Same as warehouse location prime.
whse7	C	5					Alphanumeric	Warehouse Location 7. Same as warehouse location prime.
whse8	C	5					Alphanumeric	Warehouse Location 8. Same as warehouse location prime.
whse9	C	5					Alphanumeric	Warehouse Location 9. Same as warehouse location prime.
whse10	C	5					Alphanumeric	Warehouse Location 10. Same as warehouse location prime.
rmks	C	25					Alphanumeric	Remarks. A field for entry of various information.
mo_ro	N	8	N				CIF software generated, defaults to 0. Cannot be Blank.	Managers override for Requisitions Objective
mo_rop	N	8	N				CIF software generated, cannot be blank, defaults to 0.	Managers override for Reorder Point.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
tag	C	4	N				CIF software generated, cannot be blank .	Installation Identification Code
<b>nsn_master</b>	<b>Property Book – NSN</b>							
ref_no	C	6	N				Cannot be blank or 0.	CIF assigned lin number
siz	C	5					Alphanumeric	Size of authorized item
nsn	C	13	N				Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
long_nomen	C	30	N				Alphanumeric, cannot be blank.	The long nomenclature of the item. The first 10 positions identify the noun.
price	N	10,2	N				Cannot be blank, defaults to 0.	Unit Price
<b>a0904t</b>	<b>Unit Description</b>							
un_svc_dsg_cd	C	1	N		U	1	Alphanumeric, cannot be blank.	Unit Service Designator Code
un_descr_dsg_id	C	2	N		U	3	Alphanumeric, cannot be blank.	Unit Designator Code
unit_name	C	30					Alphanumeric	Unit Name
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0905t</b>	<b>Cross Reference</b>							
uic	C	6	N		D		Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
sel_code	C	1	N		U	2	Values C, O, W, 6, or 7. Cannot be blank.	Select Code. Code related to MPC for Military personnel or "C" for civilians
C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)								
gender	C	1	N		U	3	Values M-Male, F-Female. Cannot be Blank.	Gender of individuals to receive the menu.
menucd	C	3	N				Alphanumeric, cannot be blank	Menu code. Menu number assigned for the UIC. Select code and gender.
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0906t</b>	<b>Menus</b>							
menucd	C	3	N		U	1	Alphanumeric, cannot be blank.	Menu code. Menu number assigned for the UIC. Select code and gender.
menuname	C	20	N				Alphanumeric, cannot be blank.	Menu Name
ref_no	C	6	N				Cannot be blank or 0.	Reference Number. CIF assigned lin number.
aqty	N	6	N				0-99. Cannot be blank, defaults to 0.	Quantity Authorized. The quantity authorized for issue as indicated in CTA 50-900.
trf	C	1					Y or blank Y-Transferable or blank – Not Transferable	Transfer Code. Identifies those Items which are Authorized to be transferred with the individual. (see CTA 50-900, Appendix H).
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0907t</b>	<b>IAR History</b>							
date_of_iar	C	8	N		D		YYYYMMDD system generated.	Date of Inventory Adjustment Report
iar_gain_value	N	16,2	N				Cannot be blank, defaults to 0.	Inventory Adjustment Report Gain Value
iar_loss_value	N	16,2	N				Cannot be blank, defaults to 0.	Inventory Adjustment Report Loss Value
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0909t</b>	<b>Summary of Operations Detail</b>							
so_date	C	8	N		D	*	YYYYMMDD, cannot be blank.	Date of Summary of Operations Record
blk12_c	N	6	N				Cannot be blank, defaults to 0	Number of Inventory Adjustment Reports (IARS) (block 12 count).
blk12_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Inventory Adjustment Reports (IARS) (block 12 dollar value).
blk13_c	N	6	N				Cannot be blank, defaults to 0.	Number of Statements of Charges (block 13 count).
blk13_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Statements of Charges (block 13 dollar value).
blk14_c	N	6	N				Cannot be blank, defaults to 0.	Number of Reports of Survey (block 14 count).
blk14_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Reports of Survey (block 14 dollar value).
blk15_c	N	6	N				Cannot be blank, defaults to 0.	Number of Cash Sales (block 15 count).

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
blk15_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar value of Cash Sales (block 15 dollar value).
blk16_c	N	6	N				Cannot be blank, defaults to 0.	Number of Cash Collection Vouchers (block 16 count).
blk16_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Cash Collection Vouchers (block 16 dollar value).
blk17_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Serviceable turn ins To SSA/ISD (block 17 dollar value).
blk18_dv	N	16,2	N				Cannot be blank, defaults to 0.	Dollar Value of Unserviceable turn ins through SSA/ISD to DRMO (block 18 dollar value).
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0910t</b>	<b>Laundry/Maintenance/Classification Register</b>							
lmc_reg_num	C	12	N		D		C followed by year, Julian Date and 4-digit serial number. Cannot be blank.	Laundry/Maintenance/Classify Register Number Assigned by system. (Ex: [199]23200001).
transtype	C	1	N		D		L-Laundry, M-Maintenance Cannot be blank.	Transaction Type
Notes: L = Laundry, M = Maintenance, C = Classification								
nsn	C	13	N		D		Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
date_sent	C	8	N				YYYYMMDD, cannot be blank.	Date quantity sent to Laundry/Maintenance/Classify was posted.
qty_sent	N	6					Cannot be blank, defaults to 0.	Quantity sent to Laundry/Maintenance/Classify
date_recvd	C	8					YYYYMMDD or blank.	Date Received from Laundry/Maintenance/Classify – last date a quantity was received.
qty_recvd	N	6	N				Cannot be blank, defaults to 0.	Quantity Received from Laundry/Maintenance/Classify - total received to date.
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0911t</b>	<b>Personnel</b>							
ind_ssn	C	9	N		U		Numeric, cannot be blank.	The SSN of the individuals for whom the clothing record is established.
indiv_name	C	27	N				Alphanumeric, cannot be blank.	Individual's full name (Last, First, Mi).

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
ind_sex_code	C	1	N				M or F. Cannot be blank.	Individual Sex Code
uic	C	6	N		D		Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit an individual is assigned.
sel_code	C	1	N				Values C, O, W, 6, 7. Cannot be blank.	Select Code. Select Code related to MPC for Military personnel or "C" for civilians.
Notes: C = Civilian O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above),								
rank	C	4	N				Alphanumeric, cannot be blank.	Rank. The individual's rank abbreviation (military) or pay + grade (civilian).
dmos	C	5					Alphanumeric	Duty MOS. The military occupational specialty to which the individual is assigned.
exp_dprt_dt	C	8					YYYYMMDD	Expected Departure Date
enter_cif_dt	C	8					YYYYMMDD	Date issue was made.
clear_cif_dt	C	8					YYYYMMDD	Date complete turn-in was made.
next_file	C	1	N				A, B, or C. Cannot be blank.	Next File Flag. Indicates the table from which to retrieve clothing records.
Notes: A=Clothing Record A0912T, B=Worksheets A0914T, C=Carry forward A0915T								
type_issue	C	1	N				R, P, or M. Cannot be blank.	Type Issue Processed Flag – indicates how individual was in-processed through the CIF system.
Notes: R = Initial/ Reception, P = Preload Trainee, M = Manual Clothing.								
type_turnin	C	1					E, P, or Blank. E = ETS; P = PCS	Type turn-in Processed Flag - indicates which type of turn-in was last processed for the individual.
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code
last_trn_cd	C	3					See values and definitions which follow.	Last Transaction Code. The code of the last transaction to the soldier's clothing record.
Last Transaction Codes: S/C = Statement of Charges, C/C = Cash Collection, R/S = Report of Survey, I/I = Initial Issue, A/I = Additional Issue, D/I = Due Out Issue, D/X = Direct Exchange C/T = Complete Turn In, P/T = Partial Turn In AAR = Adjust Item, FDI = Foreign Due Out Issue, FAI = Foreign Additional Issue								
last_trn_dt	C	8					CIF software generated, YYYYMMDD	The date of the last transaction to the soldier's clothing record.
<b>a0912</b>								
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	Social Security Number. The Social Security Number of the individuals for whom the clothing record is established.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu code. Menu number assigned for the UIC. Select code and gender.
nsn	C	13	N				Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
aqty	N	6	N				Cannot be blank, defaults to 0	Aqty = Quantity Authorized. The quantity authorized to the individual.
ohqty	N	6	N				Cannot be blank, defaults to 0.	Ohqty = Quantity On-Hand. The quantity on-hand currently in possession of the individual.
iqty	N	6	N				Cannot be blank, defaults to 0.	Iqty = issued quantity. The quantity issued to the individual by this CIF.
cfqty	N	6	N				Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
trf	C	1					Y-Transferable or Blank – Not Transferable	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-900, Appendix H).
turned_in_flag	C	1					Y or Blank	Identifies items turned in during partial turn-in.
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code where the item was originally issued.
do_flag	C	1					CIF software generated, N, Y, or blank.	Due Out Flag. An 'N' indicates a non-dueout item due to multiple sizes.
<b>a0913t</b>	<b>Due Out Items</b>							
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	The SSN of the individuals for whom the due out is established.
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu Code
nsn	C	13	N				Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
doqty	N	6	N				Cannot be blank, defaults to 0.	Due Out Quantity. The quantity still due to the individual (aqty - ohqty).
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0914t</b>	<b>Worksheets</b>							
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	The SSN of the individuals for whom the worksheet is established.
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu Code
ref_no	C	6	N		U	3	Cannot be blank or 0.	CIF assigned reference line number.
siz	C	5					Alphanumeric	Size of authorized item.
iqty	N	6	N				Cannot be blank, defaults to 0.	The quantity issued to the individual by this CIF. (aqty – cfqty).
cfqty	N	6	N				Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
trf	C	1					Y = transferable or Blank.=not transferable	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-900, Appendix H).
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0915t</b>	<b>Carry Forward Items</b>							
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	The SSN of the individuals for whom carry forward item is established.
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu Code
nsm	C	13	N				Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
aqty	N	6	N				0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
cfqty	N	6	N				Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
tiqty	N	6	N				Cannot be blank, defaults to 0.	Turn-In Quantity. Quantity individual turned in.
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0916t</b>	<b>Requisitions</b>							
docnr_dt	N	7	N		U	1	[YY]YYDDD, cannot be blank. CIF software/system generated.	Document Julian Date
docnr_nm	N	5	N		U	2	Cannot be blank, CIF software generated.	Document Serial Number
nsn	C	13	N		D		Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
priority	C	2	N				01-15. Cannot be blank.	The priority assigned to the requisition.
qtyreq	N	8	N				Cannot be blank, defaults to 0.	Quantity Requested. The quantity required on requisition (original request).
qtyrcvd	N	8	N				Cannot be blank, defaults to 0.	Quantity Received. The quantity received on this requisition to date.
qtycanc	N	8	N				Cannot be blank, defaults to 0.	Quantity Canceled. The quantity cancelled on this requisition to date.
bj_adj	N	8	N				Cannot be blank, defaults to 0.	BJ Adjustment. The +/- quantity created by receipt of a BJ Status.
statcde	C	2					See DA PAM 710-2-1.	Supply Status. The latest supply status on the requisition.
edd	C	3					DDD, number of days.	Estimated Date of Delivery. The estimated date delivery of the item is expected.
remarks	C	10					Alphanumeric	Contains variable data.
rcptstat	C	1					F, P, Z, or blank.	Receipt Status Code
F=Full Shipment/Receipt, P=Partial Shipment/Receipt, Z=Full Shipment/Receipt-on input from MRO from SAILS								
apc	C	4					Alphanumeric	Account Processing Code
compdte	C	8					YYYYMMDD system generated.	Date Completed. The date the requisition is closed/completed.
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0917t</b>	<b>To Supply</b>							
docnr_dt	N	7	N		U	1	[YY]YYDDD, cannot be blank, CIF software/system generated.	Document Julian Date
docnr_nm	N	5	N		U	2	CIF software generated, cannot be blank.	Document Serial Number
to_supply	C	80					Cannot be blank.	Supply Requisition Transaction
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code
<b>a0918t</b>	<b>Supply Status</b>							
supply_status	C	80	N				Cannot be blank.	Status Cards coming back from SAILS.
<b>a0919t</b>	<b>Transactions</b>							
docnr_dt	N	7	N		D	1	[YY]YYDDD CIF software/system generated, cannot be blank.	Document Julian Date
docnr_nm	N	5	N		D	2	CIF software/system generated, cannot be blank.	Document Serial Number
transcde	C	3			D		Alphanumeric, cannot be blank.	Transaction Code. Indicates type of transaction.
<b>TRANSACTION CODES:</b> S/C – Statement of Charges      D/X - Direct Exchange      FOI – Found on Installation      C/C - Cash Collection BDX – Bulk Direct Exchange      SSA - Turn In to SSA      R/S – Report of Survey      C/T - Complete Turn In DRM – Turn In to DRMO      I/I - Initial Issue      P/T – Partial Turn in      IAR - Inventory Adjustment Report A/I = Additional Issue      LTO - Lateral Transfer Out      AAR – Administrative Adjust Rec      D/I - Due Out Issue LTI – Lateral Transfer In      FAI – Foreign Additional Issue      FDI – Foreign Due Out Issue      FDX - Foreign Direct Exchange FPT – Foreign Partial Issue								
ind_ssn	C	9					Numeric, cannot be blank.	The SSN of the individual for whom the due out is established.
nsn	C	13					Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
quantity	N	12	N				Cannot be blank, defaults to 0.	Quantity reflected by the document.
total_value	N	16,2	N				Cannot be blank, defaults to 0.	Dollar value for transaction. (Total_value – Quantity Unit_price of item)
hr_num	C	11					Alphanumeric	Hand Receipt Number

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
uic	C	6					Alphanumeric	Unit Identification Code. A code identifying the unit to which the individual is assigned & Sent To/Received From unit for lateral transfers.
voucher	C	14					Alphanumeric	Voucher Number for LTO, LTI. Voucher/document number including dodaac.
depreciation	C	1					Y, N, or Blank.	Depreciation Indicator
condition	C	1					A,B,F,H,X, or blank.	Condition (See AR -725-50).
A=Serviceable (issuable without qualification), B=Serviceable (issuable with qualification), F=Unserviceable (reparable), H=Unserviceable (condemned) X=Number of Annexes on the CIF sys								
aar_flag	C	1					T-To, F-From, or blank.	Administrative Adjustment Record to/from flag.
compdte	C	8					[YY]YYMMDD or blank, system generated.	Date Completed. The date the requisition is closed/completed.
comment1	C	27					Alphanumeric	Comment Line 1.
comment3	C	27					Alphanumeric	Comment Line 3.
remark	C	27					Alphanumeric	Remarks
demil	C	1					A,B,C,D,E,F,G, J,K,L,M,N, or O	Demilitarization Code. Indicates how an item requiring demilitarization will be demilitarized.
<p>Note: A = Non-MLI – No demilitarization required; B = MLI – Demilitarization required; C = MLI – Removed and/or demil installed key point(s), deadly parts, components, and accessories as directed in the Defense Demilitarization Manual; D = MLI – Demilitarization by mutilation (make unfit for intended purpose), by making, cutting, tearing, scratching, crushing, breaking, punching, and neutralizing</p> <p>E = MLI – Demilitarization by burning, shredding or pulping; F = MLI – Item Manager provides orders to demilitarize</p> <p>G = MLI – Requires demilitarization prior to actual transfer to the DPDO; H = MLI – Remove and/or demilitarize key points per DOD Manual; J = MLI – Demilitarization by mutilation (as defined in code ‘D’) in overseas areas; K = MLI – Demilitarization by burning, shredding, or pulping in overseas areas; L = Demilitarization by mutilation (as defined in code ‘D’), however this code applies only to an item identified as being a component of a key point of a major end item; M = MLI – Demilitarization by mutilization (as defined in code “D”) in overseas area only; applies only to items identified as being a component of a key point of a major end item; N = MLI – Demilitarization by removal and destruction of all nameplates, label plates, etc.; O = Strategic List Item – mutilate to the extent to the necessary to preclude restoration to normal use and prevent recovery.</p>								
disposal	C	1					M, N, or R.	Disposal Authority Code. This code is entered in cc 64 of disposal-related documentation to show that the items being transferred to a DRMO are authorized.
M=IMM or ICP stocks are being transferred to disposal by authority of the responsible inventory manager. N= Not responsible under and exclusion to the Material Returns Program (MRP) or MILSTRIP or other specific criteria and are duly authorized to be transferred to disposal. R= Items on this transaction have been reported to the IMM/ICP in accordance with MILSTRIP MRP procedures and are considered excess to that IMM/ICPs authorized retention levels.								
tag	C	4					CIF system generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
logname	C	14					CIF System generated.	User Logname
eodflag	C	2					Y(es) or Null. CIF software generated.	End-of-Day. This field gives the user the ability to run the end-of-day report at his/her discretion; this field will remain null until the report is run and then it will be populated with a 'Y'.
<b>a0920t</b>	<b>Hand Receipt Recipient</b>							
loandte	N	7	N		U	1	[YY]YYDDD, CIF software/system generated.	Loan Date. Date item was loaned to the unit.
loannum	N	5	N		U	2	CIF software generated.	Loan Number. Sequential loan number assigned by system.
duedte	N	7	N				[YY]YYDDD, CIF software/system generated.	Due Date. Date items are scheduled to be returned to the CIF.
uic	C	6	N				Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
ind_ssn	C	9	N				Numeric, cannot be blank.	Social Security Number. The SSN of the individual for whom the hand receipt is established.
phone	C	7	N				Cannot be blank.	Telephone Number
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code
<b>a0921t</b>	<b>Hand Receipt Items</b>							
loandte	N	7	N		D	1	[YY]YYDDD, CIF software/system generated.	Loan Date. Date item was loaned to the unit.
loannum	N	5	N		U	2	CIF software generated.	Loan Number. Sequential number assigned by system.
nsn	C	13	N				Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
lqty	N	6	N				Cannot be blank, defaults to 0.	Loan Quantity. The quantity currently on loan to the individual/unit.
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>a0922t</b>	<b>Control Number</b>							
cntlcode	C	1	N		U		0,1,2,3,4,6,7,8,9, C,L,X, or Z	Control Code
Notes: 0 (1)= Requisitions, 1(1000)S/C,C/C,R/S = Hand Receipts, 2(2000) = LTO/LTI and LTI, 3(3000) = Turn in to SSA/DRMO, 4 (4000)= AAR/IAR 5(5000)=found on installation (FOI) 6(6000) = Direct Exchange (D/X), 7 (7000)=(Currently empty) 8(8000) = A Issues (I/I) and Adjust Carry Forward (ADJ), 9(9000)= Turn_Ins (C/T), C=Laundry/Maintenance/Classification L = Issue Hand Receipt X=Number of Annexes on the CIF system Z=Used to reset control codes								
cntlnum	N	5	N				Cannot be blank.	Serial Number
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code
<b>a0923t</b>	<b>Operating Levels</b>							
category	C	1	N		U	1	1=Heavy, 2=Medium, 3=Light, 4=Synthetic. Cannot be blank.	Category Code
sized	C	1	N		U	2	N = Non-Sized or S= Sized. Cannot be blank.	Sized Code. Indicates if table for sized or non-sized items.
asl	N	12	N		U	3	From DA PAM 710 -2 -1. Cannot be blank, defaults to 0.	The Authorized Strength Level. The number (10 -40000) or personnel authorized to draw the item.
ol	N	6	N				Cannot be blank, defaults to 0.	Operating Level
<b>a0924t</b>	<b>Daily Transaction History</b>							
rdte	C	8	N		D		YYYYMMDD, cannot be blank.	Return Date
nsn	C	13	N				Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
begbal	N	8	N				CIF software generated.	Daily Beginning Balance. The total quantity on hand at the beginning of the day.
sumissu	N	8	N				CIF software generated.	Daily Issue Quantity. The daily total quantity of the item issued to the individuals.
sumtrns	N	8	N				CIF software generated.	Daily Turn-In Quantity. The daily total quantity of the item turned in by the individuals.
sumdxl	N	8	N				CIF software generated.	Daily Direct Exchange Quantity – Losses. The daily total quantity of the item directly exchanged.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
sumdxg	N	8	N				CIF software generated.	Daily Director Exchange Quantity Gains. The daily total quantity of the item direct exchanged.
sumfoi	N	8	N				CIF software generated.	Daily Found on Installation Quantity. The daily total quantity of the Item picked up as "Found on Installation".
sumssas	N	8	N				CIF software generated.	Daily Quantity turn-in to SSA – Serviceable. The total quantity of the item turned in to SSA as serviceable.
sumssau	N	8	N				CIF software generated.	Daily Quantity turn-in to SSA – Unserviceable. The total quantity of the item turned in to SSA as unserviceable.
sumdrms	N	8	N				CIF software generated.	Daily Quantity turn-in to DRMO-Serviceable. The daily total quantity of the item turned in to DRMO as serviceable.
sumdrmu	N	8	N				CIF software generated.	Daily Quantity turn-in to DRMO-Unserviceable. The daily total quantity of the item turned in to DRMO as unserviceable.
summrec	N	8	N				CIF software generated.	Daily Quantity Receipts. The daily total quantity of the received from SSA.
sumltin	N	8	N				CIF software generated.	Daily summary of Lateral Transfers In. The total quantity of Lateral Transfers In.
sumltot	N	8	N				CIF software generated.	Daily summary of Lateral Transfer Out
sumrsl	N	8	N				CIF software generated.	Daily Quantity Report of Survey - Loss
sumscl	N	8	8				CIF software generated.	Daily Quantity Statement of Changes – Loss.
sumccl	N	8	N				CIF software generated.	Daily Quantity Cash Collection - Loss.
sumaarl	N	8	N				CIF software generated.	Daily Quantity AAR – Losses.
sumaarg	N	8	N				CIF software generated.	Daily Quantity AAR – Gains.
sumiarl	N	8	N				CIF software generated.	Daily Quantity IAR – Losses.
sumiarg	N	8	N				CIF software generated.	Daily Quantity IAR - Gains.
sumintg	N	8	N				CIF software generated.	Daily summary of Intransit Gain. The total quantity of intransit gain.
sumintl	N	8	N				CIF software generated.	Daily summary of Intransit Loss. The total quantity of intransit loss.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0925t</b>	<b>Transfer In Clothing Items</b>							
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	Social Security Number. The SSN of the individuals for whom the clothing record is established.
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu Code
nsn	C	13	N				Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
aqty	N	6	N				0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
ohqty	N	6	N				Cannot be blank, defaults to 0.	Ohqty = Quantity On-Hand. The on-hand quantity currently in possession of the individual.
iqty	N	6	N				Cannot be blank, defaults to 0.	Iqty – Issued Quantity. The quantity issued to the individual by this CIF.
cfqty	N	6	N				Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
trf	C	1					Y or Blank	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-9000).
turned_in_flag	C	1	N				Alphanumeric	Turned in Flag. Indicates item turned in during partial turn in.
from_tag	C	4					CIF software generated.	Installation Identification Code of where clothing records are from.
from_cifname	C	39					CIF software generated.	Name of Installation where clothing records are from.
going_to_cifname	C	39					CIF software generated.	Name of Installation of where clothing records are going.
going_to_tag	C	4					CIF software generated.	Installation Identification Code of where clothing records are going.
<b>a0926t</b>	<b>Summary of Operations</b>							
compdte	C	8					YYYYMMDD CIF software generated.	Date computed.
toaddr	C	35					Alphanumeric	To address

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
toaddr1	C	35					Alphanumeric	To address—Line 1
toaddr2	C	35					Alphanumeric	To address – Line 2
toaddr3	C	35					Alphanumeric	To address – Line 4
fromaddr	C	35					Alphanumeric.	From address
faddr1	C	35					Alphanumeric	From address – Line 1
faddr2	C	35					Alphanumeric	From address – Line 2
faddr3	C	35					Alphanumeric	From address – Line 3
rcs	C	10					Alphanumeric	Required Control Symbol
pboname	C	25					Alphanumeric	Property Book Officer Name
pbograd	C	5					Alphanumeric	Property Book Officer Grade.
pbophone	C	7					Alphanumeric	Property Book Officer Telephone Number
acctofc	C	25					Alphanumeric	Accounting Officer Name
acctgrad	C	5					Alphanumeric	Accounting Officer Grade
acctphone	C	7					Alphanumeric	Accounting Officer Telephone Number
authmil	N	6					Numeric	Authorized Military Personnel
authciv	N	6					Numeric	Authorized Civilian Personnel
assgciv	N	6					Numeric	Assigned Civilian Personnel
assgmil	N	6					Numeric	Assigned Military Personnel
perspt	N	6					Numeric	Personnel Supported
perproc	N	6					Numeric	Personnel Processed
linstk	N	6					Numeric	Line Number Stocked
tag	C	4					CIF software generated, can-not be blank.	Installation Identification Code
<b>a0929t</b>	<b>Unit Transfer</b>							
ind_ssn	C	9	N				Numeric, cannot be blank.	Social Security Number. The social security number of the individual for whom the unit transfer is established.
indiv_name	C	27	N				Alphanumeric, cannot be blank.	Individual's Full Name
ind_sex_code	C	1	N				M or F. Cannot be blank.	Gender
uic	C	6	N				Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
sel_code	C	1	N				C,O,W,6, or 7 Cannot be blank.	Select Code. Code related to MPC for Military personnel or "C" for civilians.
Notes: C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)								
rank	C	4	N				Alphanumeric, cannot be blank.	Rank. The individual's rank abbreviation (military) or pay + grade (civilian).
dmos	C	5					Alphanumeric	Duty MOS. The military occupation specialty to which the individual is assigned.
exp_dprt_dt	C	8					YYYYMMDD	Expected Departure Date
enter_cif_dt	C	8					YYYYMMDD	Date issue was made
clear_cif_dt	C	8					YYYYMMDD	Date complete turn in was made
next_file	C	1	N				CIF software generated, cannot blank.	Next File Flag – (indicates the table from which to retrieve clothing records.)
A=Clothing a0912t, B=Worksheets a0914t, C=Carry Forward a0915t								
type_issue	C	1	N				R, P, or M. Cannot be blank.	Type Issue Processed Flag–indicated how individual was in-processed throughout the CIF system
R=Initial/Reception, P=Preload Trainee, M=Manual Clothing								
type_turnin	C	1					E=ETS, P=PCS or blank.	Type Turn In Processed Flag - indicates which type of turn in was last processed for the individual.
from_tag	C	4					CIF software generated.	Installation Identification Code of where records are from.
going_to_tag	C	4					CIF software generated.	Installation Identification code of where clothing records are going.
from_cifname	C	39					CIF software generated.	Name of Installation where clothing records are from.
going_to_cifname	C	39					CIF software generated.	Name of Installation where clothing records are going.
going_to_uic	C	6					Alphanumeric, cannot be blank.	Name of UIC where clothing records are going.
<b>a095st</b>	<b>Special Menu Code</b>							
uic	C	6	N		D		Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
sel_code	C	1	N		U	2	Values C, O, W, 6, 7. Cannot be blank.	Select Code. Code related to MPC for Military Personnel or "C" for civilians.
Notes: C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)								
gender	C	1			U	1	Values M – Male, and F – Female. Cannot be blank.	Gender of individuals to receive the menu.

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
menucd	C	3	N				Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC, select code and gender.
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>a0999t</b>	<b>Transactions between Installations</b>							
docnr_dt	N	7	N				[YY]YYDDD, cannot be blank, CIF software/system generated.	Document Julian Date
docnr_nm	N	5	N				Cannot be blank, CIF software generated.	Document Serial Number
transcde	C	3	N				Alphanumeric, cannot be blank.	Transaction Code. Indicates type of transaction that occurred.
Transaction Codes: S/C - Statement of Charges    D/X - Direct Exchange    FOI - Found on Installation    C/C - Cash Collection BDY - BulkDirect Exchange    SSA - Turn In to SSA    R/S - Report of Survey    C/T Complete Turn In DRM - Turn In to DRMO    I/I - Initial Issue    P/T - Partial Turn in    IAR - Inventory Adjustment Report A/I - Additional Issue    LTO - Lateral Transfer Out    AAR - Administrative Adjust Rec    D/I - Due Out Issue LTI - Lateral Transfer In    FAI - Foreign Additional Issue    FDI - Foreign Due Out Issue    FDX - Foreign Direct Exchange FPT - Foreign Partial Issue								
ind_ssn	C	9					Numeric, cannot be blank.	Social Security Number. The SSN of the individual for whom the due out is established.
nsn	C	13					Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
quantity	N	6	N				Cannot be blank, defaults to 0.	Quantity reflected by the document.
total_value	N	16,2	N				Cannot be blank, defaults to 0.	Dollar value for transaction (Total_value - Quantity Unit_price of item).
hr_num	C	9					Alphanumeric	Hand Receipt Number
uic	C	6					Alphanumeric	Unit Identification Code. A code identifying the unit to which the individual is assigned & Sent To/Received From unit for lateral transfers.
voucher	C	14					Alphanumeric	Voucher Number of LTO, LTI. (Voucher/document number including dodaac.)
depreciation	C	1					Y, N, or blank.	Depreciation Indicator
condition	C	1					A, B, F, H, X, or blank.	Condition (See AR -725-50).
A=Serviceable (issuable without qualification), B=Serviceable (issuable with qualification), F=Unserviceable (reparable), H=Unserviceable (condemned), X=Number of Annexes on the CIF system								

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
aar_flag	C	1					T=To, F=From, or blank.	Administrative Adjustment Record to/from flag.
compdte	C	8					YYYYMMDD or blank, system generated.	Completion Date. Date document was completed. Computer generated.
comment1	C	27					Alphanumeric	Comment Line 1.
comment2	C	27					Alphanumeric	Comment Line 2.
comment 3	C	27					Alphanumeric	Comment Line 3.
remark	C	27					Alphanumeric	Remark
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
othertag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code of corresponding CIF.
logname	C	14					CIF software/system generated.	Login name of user.
<b>adhoc_svdet</b>	<b>Adhoc Svdet</b>							
query_id	N	12	N				Cannot be blank.	Query Identification
data_type	N	12					Cannot be blank.	Data Type
data_text	C	60					Alphanumeric	Data Text
printorder	N	12					Numeric	Printer Order
sort_direct	C	4					Alphanumeric	Sort Direction.
condition	C	11					Alphanumeric	<, <=, =, >, is null
value	C	32					Alphanumeric	Value in the updated field in the CIF database.
and_or	C	3					Alphanumeric	And/Or, for conditional segment of query.
<b>adhoc_svqry</b>	<b>Saved Adhoc Queries</b>							
query_name	C	60	N		U	1	Alphanumeric, cannot be blank.	Query Name
user_id	C	8			U	2	Alphanumeric	User Identification
query_id	N	12					Numeric	Query Identification
save_date	C	10					YYYY/MM/DD, Alphanumeric	Save Date of Query
comment1	C	60					Alphanumeric	Comment 1.
comment2	C	60					Alphanumeric	Comment 2.
sel_type	N	12					Numeric	Selection Type

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
adv_query	C	1					Y or N	Advanced Query
show_to_all	C	1			U	3	Y or N	Indicator which displays entries.
<b>adhoc_tbl</b>	<b>Adhoc Tbl</b>							
adhoc_id	C	10	N				Text Number	Adhoc Id Number
owner	C	8	N				Alphanumeric	Database Owner
table_name	C	18					Alphanumeric	Table Name
col_name	C	18					Alphanumeric	Column Name
col_length	N	6					Numeric	Column Length
col_type	N	6					Numeric	Column Type
has_nulls	C	1					Alphanumeric	Has Nulls
dbpath	C	60					Alphanumeric	DB PATH
alias	C	20					Alphanumeric	Alias
show	C	1					Alphanumeric	Indicator which displays entries.
key	C	1					Alphanumeric	Key
master	C	1					Alphanumeric	Master
comment1	C	50					Alphanumeric	Comment 1
<b>civilian</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
civ_pay_plan_cd	C	2					Alphanumeric	Civilian pay plan code
civ_py_gr_lvl_nr	C	2					Alphanumeric	Civilian pay grade level number
civ_rt_sc_dt	C	8					YYYYMMDD	Civilian return service date
civ_occ_ser_nr	C	5					Alphanumeric	Civilian occupation service number
civ_empl_step_nr	C	2					Alphanumeric	Civilian employee step number
civ_rt_prg_cd	C	1					Alphanumeric	Civilian return program code
civ_mil_rt_cd	C	1					Alphanumeric	Civilian military return code
<b>cmsnd_occ_spec</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
occ_spc_desig_cd	C	1	N				Alphanumeric	Occupation specialty designator code
cmsnd_off_aoc_id	C	3					Alphanumeric	Commissioned officer Area of Concentration (AOC) code
com_off_skill_cd	C	2					Alphanumeric	Commissioned officer skill code.
<b>ecps_tbl</b>	<b>Engineering Change Proposal – Software</b>							
origin	C	12					Alphanumeric, cannot be blank.	Originator Number
rept_type	C	14	N				Alphanumeric, cannot be blank.	Report Type
send_to	C	28					Alphanumeric	Send To Address

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
sent_from	C	25					Alphanumeric	Send From Address
attn	C	26					Alphanumeric	Attention Line
sent_from2	C	25					Alphanumeric	Send From Address Line 2
poc	C	20					Alphanumeric	Point of Contact
phone	C	13					Alphanumeric	Telephone Number
title	C	20					Alphanumeric	Title of Problem
priority	C	9					Alphanumeric, cannot be blank.	Priority of the problem
app_ver	C	20					Alphanumeric	Application Version Number
baseline	C	20					Alphanumeric	Baseline Number
prob_date	C	10	N				YYYY/MM/DD, cannot be blank.	Problem Report Date
prog_id	C	66					Alphanumeric	Program Identification
prob_title	C	66					Alphanumeric	Problem Title
prob_descr	C	960					Alphanumeric	Problem Description
effect	C	420					Alphanumeric	Effect to user
rec_sol	C	480					Alphanumeric	Recommended Solution
remarks	C	900					Alphanumeric	Remarks
ecps_date	C	10	N				YYYY/MM/DD. Alphanumeric, cannot be blank.	Date of Engineering Change Proposal
user_id	C	8	N				Alphanumeric, cannot be blank.	User Identification
submit	C	1	N				Y or N. Cannot be blank.	Submitted for a remedy.
<b>enl_occ_spec</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
occ_spc_desig_cd	C	1	N				Alphanumeric	Occupation specialty designator code
enl_mos_id	C	3					Alphanumeric	Enlisted MOS ID
enl_skl_lvl_nr	C	1					Alphanumeric	Enlisted skill Level Number
enl_sqi_cd	C	1					Alphanumeric	Enlisted SQI code
enl_asi_cd	C	2					Alphanumeric	Enlisted ASI code
<b>individual</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
indiv_name	C	27					Alphanumeric	Individual name
un_svc_dsg_cd	C	1					Alphanumeric	Unit service designator code
un_porg_dsg_id	C	3					Alphanumeric	Unit parent organization designator id

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
un_descr_dsg_id	C	2					Alphanumeric	Unit descriptive designator id
org_id	C	6					Alphanumeric	Organization id
birth_dt	C	8					YYYYMMDD	Birth date
ind_usctz_sta_cd	C	1					Alphanumeric	Individual US citizenship status code
ind_hiv_tst_ymdt	C	6					YYMMDD	Individual HIV test year-month-date
ind_race_pop_cd	C	1					Alphanumeric	Individual race population code
ind_sex_code	C	1					M or F.	Individual gender code.
civ_educ_lv_cd	C	1					Alphanumeric	Civilian education level code
ind_martrl_st_cd	C	1					Alphanumeric	Individual marital status code
pri_lang_cd	C	2					Alphanumeric	Primary language code
sec_lang_cd	C	2					Alphanumeric	Secondary language code
ind_vssn_cd	C	1					Alphanumeric	Individual Social Security Number verification code
pers_si_comp_cd	C	1					Alphanumeric	Personal security investigation completion code
pers_si_comp_dt	C	8					YYYYMMDD	Personal security investigation completion date
pers_si_init_cd	C	1					Alphanumeric	Personal security investigation initiated code
pers_si_init_dt	C	8					YYYYMMDD	Personal security investigation initiated date
ind_birth_sta_cd	C	2	N				Alphanumeric	Individual birth state code
ind_brth_city_nm	C	17					Alphanumeric	Individual birth city name
ind_brth_ctry_cd	C	2					Alphanumeric	Individual birth country code
ind_ctzp_ctry_cd	C	2					Alphanumeric	Individual citizenship country code
ind_ctzsp_org_cd	C	1					Alphanumeric	Individual citizenship organization code
ind_ethnic_cd	C	1					Alphanumeric	Individual ethnic code
items_disposed	items_disposed							
nsn	C	13	N				Alphanumeric, cannot be blank or contain spaces(s), must be 13 characters in length.	National Stock Number
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
doc_dte	C	7	N				[YYY]YDDD CIF software/ system generated.	Document Date

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
doc_num	C	4	N				CIF software generated, cannot be blank.	Document Number
dispos_dte	C	8					YYYYMMDD, system generated.	Disposal Date
cnt	N	6					Numeric	Number of Items Disposed
<b>linked_tables</b>								
table_name	C	18					Alphanumeric	Table name
is_linked	C	1					Alphanumeric	Tables linked
<b>max_id</b>								
tabname	C	18	N				Alphanumeric, cannot be blank.	Tab Name
maxid	N	12	N				Cannot be blank.	Maximum Identification
<b>menu table</b>								
menu_item	C	70	N				Alphanumeric, cannot be blank.	Menu Item
command_line	C	70	N				Alphanumeric, cannot be blank.	Command Line
<b>mil_pers</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
ar_ml_rnk_eff_dt	C	8					YYYYMMDD	Army military rank effective date
army_mil_rank_ab	C	3					Alphanumeric	Army military rank abbreviation
army_mil_rank_cd	C	2					Alphanumeric	Army military rank code
army_mil_rank_dt	C	8					YYYYMMDD	Army military rank date
asg_arr_dt	C	8					YYYYMMDD	Assignment arrival date
asg_deros_dt	C	8					YYYYMMDD	Overseas assignment departure date
asg_dprt_dt	C	8					YYYYMMDD	Assignment departure date
asg_dlos_dt	C	8					YYYYMMDD	Assignment date of loss
asg_proj_arr_dt	C	8					YYYYMMDD	Assignment project arrival date
asg_dros_dt	C	8					YYYYMMDD	Assignment departure overseas date
basd	C	8					Alphanumeric	Military Basic Active Service Duty
bped	C	8					YYYYMMDD	Basic pay entry date
mil_ad_ent_cy_nm	C	17					Alphanumeric	Military active duty entry city name
mil_ad_ent_st_cd	C	2					Alphanumeric	Military active duty entry state code
mil_dy_stat_ab	C	3					Alphanumeric	Military duty state abbreviation
mil_ead_dt	C	8					YYYYMMDD	Military entry active duty date
mil_educ_lvl_cd	C	1					Alphanumeric	Military education level code

**DATA DICTIONARY TABLE (continued)**



MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
mil_pers_clas_cd	C	1					Alphanumeric	Military personnel class code
mil_phypr_dylm_cd	C	1					Alphanumeric	Military physical profile duty limitation code
mil_sqt_score_qy	C	3					Alphanumeric	Military skill qualification test score quantity
mil_svc_comp_cd	C	1					Alphanumeric	Military service component code
mil_pulhes	C	6					Alphanumeric	Military PULHES code
prom_indic_cd	C	1					Alphanumeric	Promotion indicator code
mil_rec_stat_cd	C	1					Alphanumeric	Military recruitment status code
mil_attached_cd	C	1					Alphanumeric	Military attached indicator code
mil_asg_posn_nr	C	4					Alphanumeric	Military assigned position indicator
mil_delay_sep_cd	C	1					Alphanumeric	Military delay separator code
mil_svc_agree_cd	C	1					Alphanumeric	Military service agreement code
mil_photo_sus_dt	C	6					YYMMDD	Military photo suspense date
mil_last_pcs_dt	C	6					YYMMDD	Military last permanent change of station date
afrm_award_el_dt	C	6					YYMMDD	Date eligible for Armed Forces Reserve Medal award
ind_veap_stat_cd	C	1	N				Y or N	Veterans Educational Assistance flag status code
<b>mwo</b>								
nsn	C	13	N				Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
m201	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, January
m202	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, February
m203	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, March
m204	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, April

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
m205	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, May
m206	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, June
m207	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, July
m208	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, August
m209	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, September
m210	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, October
m211	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, November
m212	N	4	N				CIF software generated, cannot be blank.	Washout for two years ago, December
m101	N	4	N				CIF software generated, cannot be blank.	Washout last year, January
m102	N	4	N				CIF software generated, cannot be blank.	Washout last year, February
m103	N	4	N				CIF software generated, cannot be blank.	Washout last year, March
m104	N	4	N				CIF software generated, cannot be blank.	Washout last year, April
m105	N	4	N				CIF software generated, cannot be blank.	Washout last year, May
m106	N	4	N				CIF software generated, cannot be blank.	Washout last year, June
m107	N	4	N				CIF software generated, cannot be blank.	Washout last year, July
m108	N	4	N				CIF software generated, cannot be blank.	Washout last year, August

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
m109	N	4	N				CIF software generated, cannot be blank.	Washout last year, September
m110	N	4	N				CIF software generated, cannot be blank.	Washout last year, October
m111	N	4	N				CIF software generated, cannot be blank.	Washout last year, November
m112	N	4	N				CIF software generated, cannot be blank.	Washout last year, December
m001	N	4	N				CIF software generated, cannot be blank.	Washout for this year, January
m002	N	4	N				CIF software generated, cannot be blank.	Washout for this year, February
m003	N	4	N				CIF software generated, cannot be blank.	Washout for this year, March
m004	N	4	N				CIF software generated, cannot be blank.	Washout for this year, April
m005	N	4	N				CIF software generated, cannot be blank.	Washout for this year, May
m006	N	4	N				CIF software generated, cannot be blank.	Washout for this year, June
m007	N	4	N				CIF software generated, cannot be blank.	Washout for this year, July
m008	N	4	N				CIF software generated, cannot be blank.	Washout for this year, August
m009	N	4	N				CIF software generated, cannot be blank.	Washout for this year, September
m010	N	4	N				CIF software generated, cannot be blank.	Washout for this year, October
m011	N	4	N				CIF software generated, cannot be blank.	Washout for this year, November
m012	N	4	N				CIF software generated, cannot be blank.	Washout for this year, December

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>par_issw</b>	<b>Partial Issue Worksheet</b>							
ind_ssn	C	9	N		U	1	Numeric, cannot be blank.	Social Security Number. The SSN number of the individual for whom the partial worksheet is established.
menucd	C	3	N		U	2	Alphanumeric, cannot be blank.	Menu Code
ref_no	C	6	N		D		Cannot be blank or 0.	CIF assigned lin number.
siz	C	5					Alphanumeric	Size of authorized item.
nsn	C	13					Alphanumeric, cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number
aqty	N	6	N				0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
ohqty	N	6	N				Cannot be blank, defaults to 0.	Quantity On-Hand. The quantity currently in possession of the individual.
iqty	N	6	N				Cannot be blank, defaults to 0.	Iqty = Quantity Issued. The quantity issued to the individual by this CIF.
cfqty	N	6	N				Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
trf	C	1					Y or Blank.	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-9000) Appendix H).
turned_in_flag	C	1					Y or Blank.	Indicates items turned in during partial turn in.
rec_type	C	2					Alphanumeric	Record Type
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code
<b>printer</b>								
device_name	C	15	N				Alphanumeric, cannot be blank.	Printer Name
description	C	60	N				Alphanumeric, cannot be blank.	Printer Description
printer_class	C	20					Alphanumeric	Printer Classification
tag	C	4	N				CIF software generated, cannot be blank.	Installation Identification Code

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
<b>printer default</b>								
username	C	14	N				Alphanumeric, cannot be blank.	User Name
printer_class	C	20	N				Alphanumeric, cannot be blank.	Printer Classification
printer_name	C	15	N				Alphanumeric, cannot be blank.	Printer Name
form	C	10					Alphanumeric.	Names of reports to be printed.
tag	C	4					CIF software generated, cannot be blank.	Installation Identification Code
<b>ref_master</b>	<b>Property Book Lines</b>							
ref_no	C	6	N				Cannot be blank or 0.	CIF assigned lin number.
short_nomen	C	20	N				Alphanumeric, cannot be blank.	The short nomenclature of the item. The first 10 positions identify the noun.
ricc	C	1	N				0,2,3,6, or 8	Reportable Item Control Code. Used to identify items under asset report requirements (see AMDF).
arc	C	1	N				D-Durable, N - Non- Expendable, X -Expendable. Cannot be blank.	Accounting Requirements Code. Identifies the expandability of the item (see AMDF).
ciic	C	1	N				J-Pilferable Item, M-Handtools and Shop Equip. U - Unclassified, V - Ind Cloth/Equip. Cannot be blank.	Control Item Inventory Code. Identifies the level of pilferability of the item (see AMDF).
ui	C	2	N				Alphanumeric, cannot be blank.	Unit of Issue
cat	C	1	N				1-Heavy 2-Medium 3-Light 4-Synthetic Cannot be blank.	Category. Identifies the category of equipment as identified in DA PAM 710-2-1.
sized	C	1	N				N -Non-Sized S -Sized	Sized Code. Indicates whether the item is sized or non-sized.
pkg	N	6	N				Cannot be blank, defaults to 0.	Unit Pack Quantity. The quantity contained in the unit pack.
boi	N	6	N				Cannot be blank, defaults to 0.	Basis of Issue. How many individuals will be issued.
<b>security</b>								
logname	C	14	N		D		Alphanumeric, cannot be blank.	Logname

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
user_id	N	10	N				Numeric, cannot be blank.	User Identification
item	C	60	N				Alphanumeric, cannot be blank.	Transaction that the log-in name is authorized to operate.
sys_adm	C	1	N				0,1,2,3,4,5,6, or 9. Cannot be blank.	System Administrator
0 – Functional administrator; 1 – Main Property Book Officer (PBO) at own Main; 2 – Main User at own Main; 3 – Annex User at own Main; 4 - Main PBO at own Annex; 5 – Main User at own Annex 6 - All others 9 – Developer (logname: cif)								
tag	C	4	N				CIF Software Generated. Cannot be blank.	Installation Identification Code
<b>transfer</b>	<b>Transfer of Items between Installations</b>							
from_tag	C	4	N				CIF software generated.	Installation Identification Code of where clothing records are from.
going_to_tag	C	4	N				CIF software generated.	Installation Identification Code of where clothing records are going.
doc_dte	C	7	N				[YYY]YDDD, CIF Software/system generated, cannot be blank.	Document Date
doc_num	C	4	N				CIF software generated, cannot be blank.	Document Number
nsn	C	13	N				Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
trans_dte	C	8					YYYYMMDD	Date of Transmission
rcvd_dte	C	8					YYYYMMDD	Date Received
cc	C	1					Alphanumeric	Condition Code
qty	N	6	N				Cannot be blank.	Quantity in transfer
qty_rcvd	N	6	N				Cannot be blank.	Quantity received at the receiving CIF
from_ma	C	1	N				M-Main A-Annex Cannot be blank.	From Main CIF
<b>unit</b>								
un_svc_dsg_cd	C	1	N				Alphanumeric	Unit service designator code
un_porg_dsg_id	C	3	N				Alphanumeric	Unit parent organization designator id
un_descr_dsg_id	C	2	N				Alphanumeric	Unit descriptive designator id
org_id	C	6					Alphanumeric	Organization id
un_office_sym	C	16					Alphanumeric	Unit office symbol

**DATA DICTIONARY TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	KEY	LVL	RANGE	DESCRIPTION
unit_name	C	30					Free form	Unit name
stru_command_cd	C	2					Alphanumeric	Structured command code
org_addr_city_nm	C	17					Alphanumeric	Organization address city name
org_addr_ctry_cd	C	2					Alphanumeric	Organization address country code
org_addr_forn_nr	C	9					Alphanumeric	Organization address foreign number
org_addr_gtwy_ab	C	3					Alphanumeric	Organization address gateway abbreviation
org_addr_state_ab	C	2					Alphanumeric	Original address state abbreviation
org_addr_zip_cd	C	9					Alphanumeric	Organization address zip code
org_addr_loc_tx	C	60					Free form	Organization address location text
org_addr_gtwy_cd	C	2					Alphanumeric	Organization address gateway code
<b>unit_phone</b>								
un_svc_dsg_cd	C	1	N				Alphanumeric	Unit service designator code
un_porg_dsg_id	C	3	N				Alphanumeric	Unit parent organization designator id
un_descr_dsg_id	C	2	N				Alphanumeric	Unit descriptive designator id
org_tel_type_cd	C	1	N				Alphanumeric	Organization telephone type code
inf_telnr_pur_cd	C	1	N				Alphanumeric	Information telephone purpose code
inf_tele_sys_cd	C	1	N				Alphanumeric	Information telephone system code
org_id	C	6					Alphanumeric	Organization id
inf_telephone_nr	C	28					Alphanumeric	Information telephone number
<b>wo_occ_spec</b>								
ind_ssn	C	9	N				Alphanumeric	Individual Social Security Number
occ_spec_desig_cd	C	1	N				Alphanumeric	Occupational specialty designator code
wo_mos_id	C	4					Alphanumeric	Warrant Officer MOS id
wo_sqi_cd	C	1					Alphanumeric	Warrant Officer SQI code
wo_asi_cd	C	2					Alphanumeric	Warrant Officer ASI code

## 14 CROSS REFERENCE TABLE

### Explanation of Report Format

<b>NOTE:</b>	All information in this report, except RANGE, REQ, and DESCRIPTION, is derived from the appropriate schemas.
<b>MNEMONIC:</b>	Column name of data element. Data elements are listed here in alphabetical order by mnemonic name, table name, and database name.
<b>TYP:</b>	Type of Data Element  B      Bit String or Binary Data C      Character D      Decimal F      Floating Point N      Number V2     Varchar2
<b>LEN:</b>	Length of Element (Characters)
<b>NUL:</b>	NULLs Allowed  -      Field may have a NULL value N      Field must have a non-NULL value
<b>IDX:</b>	The highest applicable of the following is shown.  -      Element is not indexed 1      Element is a component of an index key with duplicates allowed 2      Element is an index key with duplicates allowed 3      Element is a component of an unique index key 4      Element is a unique index key
<b>DB:</b>	Database that contains data elements. This field is suppressed and replaced with a - if either the element name and database of this element are the same as the previous element or if the database and table of the element are the same as the previous element.
<b>TABLE:</b>	Database table that contains data elements. This field is suppressed and replaced with a - if the table and database of this element is the same as the previous element.
<b>RANGE:</b>	Range of allowed values of data elements. This information should be derived from the Functional Description.



**CROSS REFERENCE TABLE**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
aar_flag	C	1			a0919t	T= To, F= From, or blank.	Administrative Adjustment Record to/from flag.
aar_flag	C	1			a0999t	T=To, F=From, or blank.	Administrative Adjustment Record to/from flag.
acctgrad	C	5			a0926t	Alphanumeric	Accounting Officer Grade.
acctofc	C	25			a0926t	Alphanumeric	Accounting Officer Name.
acctphone	C	7			a0926t	Alphanumeric	Accounting Officer Telephone Number.
adhoc_id	C	10	N		adhoc_tbl	Text Number	Adhoc Id Number.
adv_query	C	1			adhoc_svqry	Y or N.	Advanced Query.
advcde	C	2			a0901t	Alphanumeric	Advice Code. Used by the requisitioning unit of a request for issue.
afrm_award_el_dt	C	6			mil_pers	YYMMDD.	Date eligible for Armed Forces Reserve Medal award.
alias	C	20			adhoc_tbl	Alphanumeric	Alias.
and_or	C	3			adhoc_svdet	Alphanumeric	And/Or, for conditional segment of query .
annex_type	C	1			a0901t	M=Main A=Annex Cannot be blank.	Type of Annexation.
aocdde	C	1			a0901t	Alphanumeric	Asset/Object Class Code.
apc	C	4			a0916t	Alphanumeric	Account Processing Code.
apccde	C	4			a0901t	Alphanumeric	Account Processing Code.
app_ver	C	20			ecps_tbl	Alphanumeric	Application Version Number.
aqty	N	6	N		a0906t	0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
aqty	N	6	N		a0912t	0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized to the individual.
aqty	N	6	N		a0914t	Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
aqty	N	6	N		a0915t	0-99 Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
aqty	N	6	N		a0925t	Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
aqty	N	6	N		par_issw	0-99. Cannot be blank, defaults to 0.	Aqty = Authorized Quantity. The quantity authorized for issue as indicated in CTA 50-900.
ar_ml_rnk_eff_dt	C	8			mil_pers	YYYYMMDD.	Army military rank effective date.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
arc	C	1	N		ref_master	D-Durable, N-Non-Expendable, X-Expendable Cannot be blank.	Accounting Requirements Code. Identifies the expandability of the item (see AMDF).
army_mil_rank_ab	C	3			mil_pers	Alphanumeric.	Army military rank abbreviation.
army_mil_rank_cd	C	2			mil_pers	Alphanumeric.	Army military rank code.
army_mil_rank_dt	C	8			mil_pers	YYYYMMDD.	Army military rank date.
asg_arr_dt	C	8			mil_pers	YYYYMMDD.	Assignment arrival date.
asg_deros_dt	C	8			mil_pers	YYYYMMDD.	Overseas assignment departure date.
asg_dlos_dt	C	8			mil_pers	YYYYMMDD.	Assignment date of loss.
asg_dprr_dt	C	8			mil_pers	YYYYMMDD.	Assignment departure date.
asg_dros_dt	C	8			mil_pers	YYYYMMDD.	Assignment departure overseas date.
asg_proj_arr_dt	C	8			mil_pers	YYYYMMDD.	Assignment project arrival date.
asl	N	12	N		a0923t	From DA PAM 710-2-1, cannot be blank. Defaults to 0.	The Authorized Strength Level. The number (10-40000) or personnel authorized to draw the item.
assgciv	N	6			a0926t	Numeric	Assigned Civilian Personnel.
assgmil	N	6			a0926t	Numeric	Assigned Military Personnel.
attn	C	26			ecps_tbl	Alphanumeric	Attention Line.
authciv	N	6			a0926t	Numeric	Authorized Civilian Personnel.
authmil	N	6			a0926t	Numeric	Authorized Military Personnel.
basd	C	8			mil_pers	Alphanumeric	Military Basic Active Service Duty.
baseline	C	20			ecps_tbl	Alphanumeric	Baseline Number.
begbal	N	8	N		a0903t	Cannot be blank, defaults to 0.	Daily Beginning Balance. The total quantity on hand at the beginning of the day.
begbal	N	8	N		a0924t	CIF software generated.	Daily Beginning Balance. The total quantity on hand at the beginning of the day
birth_dt	C	8			individual	YYYYMMDD	Birth date.
bj_adj	N	8	N		a0916t	Cannot be blank, defaults to 0.	BJ Adjustment. The +/- quantity created by receipt of a BJ Status.
blk12_c	N	6	N		a0909t	Cannot be blank, defaults to 0.	Number of Inventory Adjustment Reports (IARS) Reports (block 12 count).
blk12_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Inventory Adjustment Reports (IARS) (block 12 dollar value).
blk13_c	N	6	N		a0909t	Cannot be blank, defaults to 0.	Number of Statements of Charges (block 13 count)
blk13_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Statements of Charges (block 13 dollar value).

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
blk14_c	N	6	N		a0909t	Cannot be blank, defaults to 0.	Number of Reports of Survey (block 14 count).
blk14_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Reports of Survey (block 14 dollar value).
blk15_c	N	6	N		a0909t	Cannot be blank, defaults to 0.	Number of Cash Sales (block 15 count).
blk15_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar value of Cash Sales (block 15 dollar value).
blk16_c	N	6	N		a0909t	Cannot be blank, defaults to 0.	Number of Cash Collection Vouchers (block 16 count).
blk16_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Cash Collection Vouchers (block 16 dollar value).
blk17_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Serviceable Turn Ins To SSA/ISD (block 17 dollar value).
blk18_dv	N	16,2	N		a0909t	Cannot be blank, defaults to 0.	Dollar Value of Unserviceable Turn Ins through SSA/ISD to DRMO (block 18 dollar value).
boi	N	6	N		ref_master	Cannot be blank, defaults to 0.	Basis of Issue. How many individuals will be issued.
bped	C	8			mil_pers	YYYYMMDD.	Basic pay entry date.
cat	C	1	N		ref_master	1-Heavy, 2-Medium 3-Light, 4-Synthetic Cannot be blank.	Category. Identifies the category of equipment as identified in DA PAM 710-2-1.
category	C	1	N		a0923t	1=Heavy, 2=Medium, 3=Light, or 4=Synthetic. Cannot be blank.	Category Code.
cc	C	1			transfer	Alphanumeric	Condition Code.
cch	N	8	N		a0903t	Cannot be blank, defaults to 0.	The total quantity of the item that is uneconomically reparable.
cck	N	8	N		a0903t	Cannot be blank, defaults to 0.	The total quantity of the item(s) to be disposed.
ccl	N	8	N		a0903t	Cannot be blank, defaults to 0.	The total quantity of the item at the laundry facility.
ccm	N	8	N		a0903t	Cannot be blank, defaults to 0.	The total quantity of the item at the maintenance facility (Clothing and Equipment (C&E)).
cfqty	N	6	N		a0912t	Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity brought from previous assignment.
cfqty	N	6	N		a0914t	Cannot be blank, defaults to 0.	Carry Forward Quantity. The quantity carry forward brought from previous assignment.
cfqty	N	6	N		a0915t	Cannot be blank, defaults to 0.	Carry Forward Quantity. The carry forward quantity brought from previous assignment.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
cfqty	N	6	N		a0925t	Cannot be blank, defaults to 0.	Carry Forward Quantity. The carry forward quantity brought from previous assignment.
cfqty	N	6	N		par_issw	Cannot be blank, defaults to 0.	Carry Forward Quantity. The Carry Forward quantity brought from previous assignment.
cif_name	C	39	N	R	a0901t	Alphanumeric, cannot be blank. Systems administration generated.	Installation Name.
ciic	C	1	N		ref_master	J -Pilferable Item, M -Handtools and Shop Equip. U -Unclassified, V -Ind Cloth/Equip. Cannot be blank.	Control Item Inventory Code. Identifies the level of pilferability of the item (see AMDF).
civ_educ_lv_cd	C	1			individual	Alphanumeric	Civilian education level code.
civ_empl_step_nr	C	2			civilian	Alphanumeric	Civilian employee step number.
civ_mil_rt_cd	C	1			civilian	Alphanumeric	Civilian military return code.
civ_occ_ser_nr	C	5			civilian	Alphanumeric	Civilian occupation service number.
civ_pay_plan_cd	C	2			civilian	Alphanumeric	Civilian pay plan code.
civ_py_gr_lvl_nr	C	2			civilian	Alphanumeric	Civilian pay grade level number.
civ_rt_prg_cd	C	1			civilian	Alphanumeric	Civilian return program code.
civ_rt_sc_dt	C	8			civilian	YYYYMMDD	Civilian return service date.
clear_cif_dt	C	8			a0911t	YYYYMMDD	Date complete turn in was made.
clear_cif_dt	C	8			a0929t	YYYYMMDD	Date complete turn in was made.
cnt	N	6			items_disposed	Numeric	Number of Items Disposed.
cntlcode	C	1	N		a0922t	0,1,2,3,4,6,7,8,9, C,L,X, or Z	Control Code.
Notes: 0 (1)= Requisitions, 1(1000)S/C,C/C,R/S = Hand Receipts, 2(2000) = LTO/LTI and LTI, 3(3000) = Turn in to SSA/DRMO, 4 (4000)= AAR/IAR 5(5000)=found on installation (FOI) 6(6000) = Direct Exchange (D/X), 7 (7000)=(Currently empty) 8(8000) = A Issues (I/I) and Adjust Carry Forward (ADJ), 9(9000)= Turn_Ins (C/T), C(1)=Laundry/Maintenance/Classification L(1) = Issue Hand Receipt X=Number of Annexes on the CIF system Z=Used to reset control codes							
cntlnum	N	5	N		a0922t	Cannot be blank.	Serial Number.
col_length	N	6			adhoc_tbl	Numeric	Column Length.
col_name	C	18			adhoc_tbl	Alphanumeric	Column Name.
col_type	N	6			adhoc_tbl	Numeric	Column Type.
com_off_skill_cd	C	2			cmsnd_occ_spec	Alphanumeric	Commissioned officer skill code.
command_line	C	70	N		menu_tbl	Alphanumeric, cannot be blank.	Command Line.
comment1	C	27			a0919t	Alphanumeric	Comment Line 1.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
comment1	C	27			a0999t	Alphanumeric	Comment Line 1
comment1	C	60			adhoc_svsqry	Alphanumeric	Comment 1.
comment1	C	50			adhoc_tbl	Alphanumeric	Comment 1
comment2	C	27			a0919t	Alphanumeric	Comment Line 2
comment2	C	27			a0999t	Alphanumeric	Comment Line 2
comment2	C	60			adhoc_svsqry	Alphanumeric	Comment 2.
comment3	C	27			a0919t	Alphanumeric	Comment Line 3
comment3	C	27			a0999t	Alphanumeric	Comment Line 3
compdte	C	8			a0916t	YYYYMMDD or blank, CIF system Generated.	Date Completed. The date the requisition is closed/completed.
compdte	C	8			a0919t	YYYYMMDD or blank, CIF system Generated.	Date Completed. The date the requisition is closed/completed.
compdte	C	8			a0926t	YYYYMMDD or blank, CIF software generated.	Compute Date
compdte	C	8			a0999t	YYYYMMDD or blank, CIF system generated.	Completion Date. Date document was completed. Computer generated.
condition	C	1			a0919t	A,B,F,H,X, or Blank.	Condition (See AR -725-50).
A=Serviceable (issuable without qualification), B=Serviceable (issuable with qualification), F=Unserviceable (reparable), H=Unserviceable (condemned) X=Number of Annexes on the CIF sys							
condition	C	1			a0999t	A, B, F, H, X, or blank.	Condition (See AR -725 -50).
A=Serviceable (issuable without qualification), B=Serviceable (issuable with qualification), F=Unserviceable (reparable), H=Unserviceable (condemned) X=Number of Annexes on the CIF sys							
condition	C	11			adhoc_svdet	Alphanumeric	<, <=, =, >, is null
contg	N	8	N		a0903t	Cannot be blank, defaults to 0.	Contingency/Training Quantity. The quantity authorized for contingency or training purposes.
conus_oconus	C	1			a0901t	C-CONUS O-OCONUS	Identifies site location.
data_text	C	60			adhoc_svdet	Alphanumeric	Data Text
data_type	N	12			adhoc_svdet	Cannot be blank.	Data Type
date_of_iar	C	8	N		a0907t	YYYYMMDD System Generated	Date of Inventory Adjustment Report
date_recvd	C	8			a0910t	YYYYMMDD or blank.	Date Received from Laundry/Maintenance/Classify – last date a quantity was received.
date_sent	C	8	N		a0910t	YYYYMMDD, cannot be blank.	Date quantity sent to Laundry/Maintenance/Classify was posted.
dbpath	C	60			adhoc_tbl	Alphanumeric	DB PATH

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
demcde	C	1	N		a0901t	R = Recurring or N = Non-Recurring. Cannot be blank.	Demand Code
demil	C	1			a0919t	A,B,C,D,E,F, G,J,K,L,M, N, or O	Demilitarization Code. Indicates how an item requiring demilitarization will be demilitarized.
<p>Note: A = Non-MLI – No demilitarization required; B = MLI – Demilitarization required; C = MLI – Removed and/or demil installed key point(s), deadly parts, components, and accessories as directed in the Defense Demilitarization Manual; D = MLI – Demilitarization by mutilation (make unfit for intended purpose), by making, cutting, tearing, scratching, crushing, breaking, punching, and neutralizing, etc.</p> <p>E = MLI – Demilitarization by burning, shredding or pulping; F = MLI – Item Manager provides orders to demilitarize</p> <p>G = MLI – Requires demilitarization prior to actual transfer to the DPDO; H = MLI – Remove and/or demilitarize key points per DOD Manual; J = MLI – Demilitarization by mutilation (as defined in code ‘D’) in overseas areas; K = MLI – Demilitarization by burning, shredding, or pulping in overseas areas; L = Demilitarization by mutilation (as defined in code ‘D’), however this code applies only to an item identified as being a component of a key point of a major end item; M = MLI – Demilitarization by mutilation (as defined in code ‘D’) in overseas area only; applies only to items identified as being a component of a key point of a major end item; N = MLI – Demilitarization by removal and destruction of all nameplates, label plates, etc.; O = Strategic List Item – mutilate to the extent necessary to preclude restoration to normal use and prevent recovery.</p>							
depreciation	C	1			a0919t	Y, N, or Blank.	Depreciation Indicator
depreciation	C	1			a0999t	Y, N, or blank.	Depreciation Indicator
description	C	60	N		printer	Alphanumeric, cannot be blank.	Printer Description
device_name	C	15	N		printer	Alphanumeric, cannot be blank.	Printer Name
dicdrmo	C	3	N		a0901t	Alphanumeric, cannot be blank.	Default DIC for turn-in to DRMO.
dicreq	C	3	N		a0901t	Alphanumeric, cannot be blank.	Default Document Identifier Code (DIC) for requisitions.
dicssa	C	3	N		a0901t	Alphanumeric, Cannot be blank	Default DIC for turn-in to SSA.
diqty	N	8	N		a0903t	Cannot be blank, defaults to 0.	Due-in Quantity. The total quantity of the item due in on requisitions.
discode	C	1			a0901t	Alphanumeric	Distribution Code
dispos_dte	C	8			items_disposed	YYYYMMDD, System Generated.	Disposal Date
disposal	C	1			a0919t	M, N, or R.	Disposal Authority Code. This code is entered in cc 64 of disposal-related documentation to show that the items being transferred to a DRMO are authorized.
<p>M=IMM or ICP stocks are being transferred to disposal by authority of the responsible inventory manager. N= Not responsible under and exclusion to the Material Returns Program (MRP) or MILSTRIP or other specific criteria and are duly authorized to be transferred to disposal. R= Items on this transaction have been reported to the IMM/ICP in accordance with MILSTRIP MRP procedures and are considered excess to that IMM/ICPs authorized retention levels.</p>							

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
dmos	C	5			a0911t	Alphanumeric	Duty MOS. The military occupational specialty to which the individual is assigned.
dmos	C	5			a0929t	Alphanumeric	Duty MOS. The military occupation specialty to which the individual is assigned.
do_flag	C	4	N		a0912t	CIF software generated, N,Y, or blank	Due Out Flag. An 'N' indicates a non-dueout item due to multiple sizes.
doc_dte	C	7	N		items_disposed	[YYY]YDDD CIF Software/System Generated.	Document Date
doc_dte	C	7	N		transfer	[YYY]YDDD, cannot be blank. CIF Soft-ware/ System Generated.	Document Date
doc_num	C	4	N		items_disposed	Cannot be blank, CIF software generated.	Document Number
doc_num	C	4	N		transfer	Cannot be blank, CIF software generated.	Document Number
docnr_dt	N	7	N		a0916t	[YY]YYDDD, cannot be blank. CIF software/ system generated.	Document Julian Date
docnr_dt	N	7	N		a0917t	[YY]YYDDD, cannot be blank. CIF software/ system generated.	Document Julian Date
docnr_dt	N	7	N		a0919t	[YY]YYDDD, cannot be blank. CIF software/ system generated.	Document Julian Date
docnr_dt	N	7	N		a0999t	[YY]YYDDD, cannot be blank, CIF software/ system generated.	Document Julian Date
docnr_nm	N	5	N		a0916t	Cannot be blank, CIF software generated.	Document Serial Number
docnr_nm	N	5	N		a0917t	Cannot be blank, CIF software generated.	Document Serial Number
docnr_nm	N	5	N		a0919t	Cannot be blank, CIF software generated	Document Serial Number
docnr_nm	N	5	N		a0999t	Cannot be blank, CIF system generated.	Document Serial Number

**CROSS REFERENCE TABLE (continued)**

mnemonic	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
dodaac	C	6	N		a0901t	Alphanumeric, cannot be blank.	CIF DOD Activity Address Code (DODAAC).
doqty	N	8	N		a0903t	Cannot be blank, defaults to 0.	Due-Out Quantity. The total quantity of the item due out to the troops.
doqty	N	6	N		a0913t	Cannot be blank, defaults to 0.	Due Out Quantity. The quantity still due to the individual (aqty - ohqty).
dsucde	C	1			a0901t	Values A-K except I or blank	Direct Support Unit (DSU) Code
duedte	N	7	N		a0920t	[YY]YYDDD, CIF software/system generated.	Due Date. Date items are scheduled to be returned to the CIF.
ecps_date	C	10	N		ecps_tbl	YYYY/MM/DD. Alphanumeric, cannot be blank.	Date of Engineering Change Proposal.
edd	C	3			a0916t	DDD, number of days.	Estimated Date of Delivery. The estimated date delivery of the item is expected.
effect	C	420			ecps_tbl	Alphanumeric	Effect to user.
enl_asi_cd	C	2			enl_occ_spec	Alphanumeric	Enlisted ASI Code
enl_mos_id	C	3			enl_occ_spec	Alphanumeric	Enlisted MOS ID
enl_skl_lvl_nr	C	1			enl_occ_spec	Alphanumeric	Enlisted skill Level Number
enl_sqi_cd	C	1			enl_occ_spec	Alphanumeric	Enlisted SQI Code
enter_cif_dt	C	8			a0911t	YYYYMMDD	Date issue was made.
enter_cif_dt	C	8			a0929t	YYYYMMDD	Date issue was made.
eodflag	C	1			a0901t	Y or N. CIF software generated.	End-of-Day Flag. This field indicates whether the end-of-day process is in progress.
eod_flag	C	2			a0919t	Y(es) or Null. CIF software generated.	End-of-Day. This field gives the user the ability to run the end-of-day report at their discretion; this field will remain null until the report is run and then it will be populated with a 'Y'.
exp_dprt_dt	C	8			a0911t	YYYYMMDD	Expected Departure Date
exp_dprt_dt	C	8			a0929t	YYYYMMDD	Expected Departure Date
faddr1	C	35			a0926t	Alphanumeric	From address – Line 1.
faddr2	C	35			a0926t	Alphanumeric	From address – Line 2.
faddr3	C	35			a0926t	Alphanumeric	From address – Line 3.
form	C	10			printer_default	Alphanumeric	Name of the reports to be printed.

**CROSS REFERENCE TABLE (continued)**



MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
from_cifname	C	39			a0925t	CIF software generated.	Name of Installation where clothing records are from.
from_cifname	C	39			a0929t	CIF software generated.	Name of Installation where clothing records are from.
from_ma	C	1	N		transfer	M-Main A-Annex Cannot be blank.	From Main CIF.
from_tag	C	4			a0925t	CIF software generated.	Installation Identification Code of where clothing records are from.
from_tag	C	4			a0929t	CIF software generated.	Installation Identification Code of where records are from.
from_tag	C	4	N		transfer	CIF software generated.	Installation Identification Code of where clothing records are from.
fromaddr	C	35			a0926t	Alphanumeric	From address
fundcde	C	2			a0901t	Alphanumeric	Fund Code
gender	C	1	N		a0905t	Values M-Male, F-Female. Cannot be Blank.	Gender of individuals to receive the menu.
gender	C	1			a095st	Values M, F	Gender of individuals to receive the menu.
going_to_cifname	C	39			a0925t	CIF software generated.	Name of Installation of where clothing records are going.
going_to_cifname	C	39			a0929t	CIF software generated.	Name of Installation where clothing records are going.
going_to_tag	C	4			a0925t	CIF software generated.	Installation Identification Code of where clothing records are going.
going_to_tag	C	4			a0929t	CIF software generated.	Installation Identification Code of where clothing records are going.
going_to_tag	C	4			transfer	CIF software generated.	Installation Identification Code of where clothing records are going.
going_to_uic	C	6			a0929t	Alphanumeric, cannot be blank.	Name of UIC where clothing records are going.
has_nulls	C	1			adhoc_tbl	Alphanumeric	Has Nulls
hr_limit	N	4	N		a0901t	Numeric, cannot be blank.	Hand Receipt Limit. Number of days a Hand Receipt can be held.
hr_num	C	9			a0999t	Alphanumeric	Hand Receipt Number
hr_num	C	11			a0919t	Alphanumeric	Hand Receipt Number
iar_gain_value	N	16,2	N		a0907t	Cannot be blank, defaults to 0.	Inventory Adjustment Report Gain Value.
iar_loss_value	N	16,2	N		a0907t	Cannot be blank, defaults to 0.	Inventory Adjustment Report Loss Value.
ind_birth_sta_cd	C	2	N		individual	Alphanumeric	Individual birth state code
ind_brth_city_nm	C	17			individual	Alphanumeric	Individual birth city name

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
ind_brth_etry_cd	C	2			individual	Alphanumeric	Individual birth country code
ind_ctzp_etry_cd	C	2			individual	Alphanumeric	Individual citizenship country code
ind_ctzsp_org_cd	C	1			individual	Alphanumeric	Individual citizenship organization code
ind_ethnic_cd	C	1			individual	Alphanumeric	Individual Ethnic Code
ind_hiv_tst_ymdt	C	6			individual	YYMMDD	Individual HIV test year-month-date.
ind_maritl_st_cd	C	1			individual	Alphanumeric	Individual marital status code.
ind_race_pop_cd	C	1			individual	Alphanumeric	Individual race population code.
ind_sex_code	C	1	N		a0911t	M=Male or F=Female. Cannot be blank.	Gender
ind_sex_code	C	1	N		a0929t	M or F. Cannot be blank.	Gender
ind_sex_code	C	1			individual	M or F.	Individual gender code.
ind_ssn	C	9	N		a0911t	Numeric, cannot be blank.	The SSN of the individuals for whom the clothing record is established.
ind_ssn	C	9	N		a0912t	Numeric, cannot be blank.	The SSN of the individuals for whom the clothing record is established.
ind_ssn	C	9	N		a0913t	Numeric, cannot be blank.	The SSN of the individuals for whom the due out is established.
ind_ssn	C	9	N		a0914t	Numeric, cannot be blank.	The SSN of the individuals for whom the clothing record is established.
ind_ssn	C	9	N		a0915t	Numeric, cannot be blank.	The SSN of the individuals for whom the worksheet is established.
ind_ssn	C	9			a0919t	Numeric, cannot be blank.	The SSN of the individual for whom the due out is established.
ind_ssn	C	9	N		a0920t	Numeric, cannot be blank.	Social Security Number. The SSN of the individual for whom the hand receipt is established.
ind_ssn	C	9	N		a0925t	Numeric, cannot be blank.	Social Security Number. The SSN of the individuals for whom the clothing record is established.
ind_ssn	C	9	N		a0929t	Numeric, cannot be blank.	Social Security Number. The social security number of the individual for whom the unit transfer is established.
ind_ssn	C	9			a0999t	Numeric, cannot be blank.	Social Security Number. The SSN of the individual for whom the due out is established.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
ind_ssn	C	9	N		a0912t	Numeric, cannot be blank.	Individual Social Security Number
ind_ssn	C	9	N		cmsnd_occ_spec	Alphanumeric	Individual SSN
ind_ssn	C	9	N		enl_occ_spec	Alphanumeric	Individual SSN
ind_ssn	C	9	N		individual	Alphanumeric	Individual SSN
ind_ssn	C	9	N		mil_pers	Alphanumeric	Individual SSN
ind_ssn	C	9	N		par_issw	Numeric, cannot be blank.	Social Security Number. The SSN of the individual for whom the partial worksheet is established.
ind_ssn	C	9	N		wo_occ_spec	Alphanumeric	Individual SSN
ind_usctz_sta_cd	C	1			individual	Alphanumeric	Individual US citizenship status code
ind_veap_stat_cd	C	1	N		mil_pers	Y or N	Veterans Educational Assistance flag status code
ind_vssn_cd	C	1			individual	Alphanumeric	Individual SSN verification code
indiv_name	C	27	N		a0911t	Alphanumeric, cannot be blank.	Individual's full name (Last, First, Mi)
indiv_name	C	27	N		a0920t	Cannot be blank.	Individual's Full Name
indiv_name	C	27	N		a0929t	Alphanumeric, cannot be blank.	Individual's Full Name
indiv_name	C	27			individual	Alphanumeric.	Individual name
inf_tele_sys_cd	C	1	N		unit_phone	Alphanumeric	Information telephone system code
inf_telephone_nr	C	28			unit_phone	Alphanumeric	Information telephone number
inf_telnr_pur_cd	C	1	N		unit_phone	Alphanumeric	Information telephone purpose code
invdte	C	8			a0903t	YYYYMMDD, CIF system generated	Date of Last Inventory. The date item was inventoried.
invflag	C	1			a0903t	Y or Blank	Inventory Flag. Flag indicating item is to be part of current inventory (set to blank for conversions).
invqty	N	8	N		a0903t	Cannot be blank, defaults to 0.	Inventory Quantity. The quantity posted during last inventory of Condition Code B items.
invqty_cck	N	8	N		a0903t	Cannot be blank, defaults to 0.	Inventory Quantity. The quantity posted during last inventory of Condition Code K items.
iqty	N	6	N		a0912t	Cannot be blank, defaults to 0.	Iqty = issued quantity. The quantity issued to the individual by this CIF.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
iqty	N	6	N		a0914t	Cannot be blank, defaults to 0.	Iqty = issued quantity. The quantity issued to the individual by this CIF. (aqty - cfqty).
iqty	N	6	N		a0925t	Cannot be blank, defaults to 0.	Quantity Issued. The quantity issued to the individual by this CIF.
iqty	N	6	N		par_issw	Cannot be blank, defaults to 0.	Quantity Issued. The quantity issued to the individual by this CIF).
is_linked	C	1			linked_tables	Alphanumeric	Tables linked
item	C	60	N		security	Alphanumeric, cannot be blank.	The trasction that a log-on name is authorized to operate.
key	C	1			adhoc_tbl	Alphanumeric	Key
last_trn_cd	C	3			a0911t	See values and definitions below.	Last Transaction Code. The code of the last transaction to the soldier's clothing record.
Last Transaction Codes: S/C = Statement of Charges, C/C = Cash Collection, R/S = Report of Survey, I/I = Initial Issue, A/I = Additional Issue, D/I = Due Out Issue, D/X = Direct Exchange C/T = Complete Turn In, P/T = Partial Turn In AAR = Adjust Item, FDI = Foreign Due Out Issue, FAI = Foreign Additional Issue							
last_trn_dt	C	8			a0911t	CIF software generated, cannot be blank	The date of the last transaction to the soldier's clothing record.
linstk	N	6			a0926t	Numeric	Line Number Stocked
lmc_reg_num	C	12	N		a0910t	C followed by year, Julian Date and 4-digit serial number. (Ex: [199] 23200001). Cannot be blank.	Laundry/Maintenance/Classify Register Number Assigned by system.
loandte	N	7	N		a0920t	[YY]YYDDD, CIF software/system generated.	Loan Date. Date item was loaned to the unit.
loandte	N	7	N		a0921t	[YY]YYDDD, CIF software/system generated.	Loan Date. Date item was loaned to the unit.
loannum	N	5	N		a0920t	CIF software generated.	Loan Number. Sequential loan number assigned by system.
loannum	N	5	N		a0921t	CIF software generated.	Loan Number. Sequential number assigned by system.
logname	C	14			a0919t	CIF software/system generated	User Logname
logname	C	14			a0999t	CIF system generated	Login name of user.
logname	C	14	N		security	Alphanumeric, cannot be blank.	Logname
long_nomen	C	30	N		nsn_master	Alphanumeric, cannot be blank.	The long nomenclature of the item. The first 10 positions identify the noun.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
lqty	N	8	N		a0903t	Cannot be blank, defaults to 0.	Loan Quantity. The total quantity of the item on Hand Receipt.
lqty	N	6	N		a0921t	Cannot be blank, defaults to 0.	Loan Quantity. The quantity currently on loan to the individual/unit.
m001	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, January
m002	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, February
m003	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, March
m004	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, April
m005	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, May
m006	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, June
m007	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, July
m008	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, August
m009	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, September
m010	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, October
m011	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, November
m012	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for two years ago, December
m101	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, January
m102	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, February
m103	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, March

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
m104	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, April
m105	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, May
m106	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, June
m107	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, July
m108	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, August
m109	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, September
m110	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, October
m111	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, November
m112	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for last year, December
m201	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, January
m202	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, February
m203	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, March
m204	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, April
m205	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, May
m206	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, June
m207	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, July

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
m208	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, August
m209	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, September
m210	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, October
m211	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, November
m212	N	4	N		mwo	CIF software generated, cannot be blank.	Washout for this year, December
master	C	1			adhoc_tbl	Alphanumeric	Master
maxid	N	12	N		max_id	Cannot be blank.	Maximum Identification
menu_item	C	70	N		menu_tbl	Alphanumeric, cannot be blank.	Menu Item
menucd	C	3	N		a0905t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0906t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0912t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0913t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0914t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0915t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a0925t	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		a095st	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menucd	C	3	N		par_issw	Alphanumeric, cannot be blank.	Menu Code. Menu number assigned for the UIC. Select code and gender.
menuname	C	20	N		a0906t	Alphanumeric, cannot be blank.	Menu Name

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
mil_ad_ent_cy_nm	C	17			mil_pers	Alphanumeric	Military active duty entry city name
mil_ad_ent_st_cd	C	2			mil_pers	Alphanumeric	Military active duty entry state code
mil_asg_posn_nr	C	4			mil_pers	Alphanumeric	Military assigned position indicator
mil_attached_cd	C	1			mil_pers	Alphanumeric	Military attached indicator code
mil_delay_sep_cd	C	1			mil_pers	Alphanumeric	Military delay separator code
mil_dy_stat_ab	C	3			mil_pers	Alphanumeric	Military duty state abbreviation
mil_ead_dt	C	8			mil_pers	YYYYMMDD	Military entry active duty date
mil_educ_lvl_cd	C	1			mil_pers	Alphanumeric	Military education level code
mil_last_pcs_dt	C	6			mil_pers	YYMMDD	Military last permanent change of station date
mil_pers_clas_cd	C	1			mil_pers	Alphanumeric	Military personnel class code
mil_photo_sus_dt	C	6			mil_pers	YYMMDD	Military photo suspense date
mil_phypr_dylm_cd	C	1			mil_pers	Alphanumeric	Military physical profile duty limitation code
mil_pulhes	C	6			mil_pers	Alphanumeric	Military PULHES code
mil_rec_stat_cd	C	1			mil_pers	Alphanumeric	Military recruitment status code
mil_sqt_score_qy	C	3			mil_pers	Alphanumeric	Military skill qualification test score quantity
mil_svc_agree_cd	C	1			mil_pers	Alphanumeric	Military service agreement code
mil_svc_comp_cd	C	1			mil_pers	Alphanumeric	Military service component code
milcde	C	3			a0901t	Alphanumeric	MILSTRIP Project Code
mo_ro	N	8	N		a0903t	CIF software generated. Cannot be blank, defaults to 0.	Managers override for Requisitions Objective.
mo_rop	N	8	N		a0903t	CIF software generated. Cannot be blank, defaults to 0.	Managers override for Reorder Point.
msstat	C	1	N		a0901t	Alphanumeric, cannot be blank.	Media and Status Code
next_file	C	1	N		a0911t	A, B, or C. Cannot be blank.	Next File Flag – indicates which table to retrieve clothing records from.
Notes: A=Clothing Record A0912T, B=Worksheets A0914T, C=Carry Forward A0915T							
next_file	C	1	N		a0929t	CIF software generated. Cannot be blank.	Next File Flag – indicates the table from which to retrieve clothing records.

**CROSS REFERENCE TABLE (continued)**



MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
nsn	C	13	N		a0903t	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0910t	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0912t	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0913t	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0915t	Alphanumeric, cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0916t	Alphanumeric, cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number
nsn	C	13			a0919t	Alphanumeric, cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0921t	Alphanumeric. Cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number
nsn	C	13	N		a0924t	Alphanumeric. Cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
nsn	C	13	N		a0925t	Alphanumeric, Cannot be blank or contain space(s) must be 13 characters in length.	National Stock Number

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
nsn	C	13			a0999t	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		items_disposed	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		mwo	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		nsn_master	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		par_issw	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		transfer	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
nsn	C	13	N		transfer_items	Alphanumeric, cannot be blank or contain space(s), must be 13 characters in length.	National Stock Number
occ_spc_desig_cd	C	1	N		cmsnd_occ_spec	Alphanumeric.	Occupation specialty designator code
occ_spc_desig_cd	C	1	N		enl_occ_spec	Alphanumeric.	Occupation specialty designator code
occ_spc_desig_cd	C	1	N		wo_occ_spec	Alphanumeric	Occupational specialty designator code

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
ohq	N	8	N		a0903t	Cannot be blank. Defaults to 0.	Ohqty = On-hand Quantity. The On-Hand Quantity in the CIF, Maintenance, Laundry, Classify, Suspense, and Hand Receipt.
ohqty	N	6	N		a0912t	Cannot be blank, defaults to 0.	Ohqty = On-hand Quantity. Quantity On-Hand. The quantity on-hand currently in possession of the individual.
ohqty	N	6	N		a0925t	Cannot be blank, defaults to 0.	Quantity On-Hand. The On-Hand quantity currently in possession of

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
							the individual.
ohqty	N	6	N		par_issw	Cannot be blank, defaults to 0.	Quantity On-Hand. The quantity currently in possession of the individual.
ol	N	6	N		a0923t	Cannot be blank, defaults to 0.	Operating Level
org_addr_city_nm	C	17			unit	Alphanumeric	Organization address city name
org_addr_ctry_cd	C	2			unit	Alphanumeric	Organization address country code
org_addr_forn_nr	C	9			unit	Alphanumeric	Organization address foreign number
org_addr_gtwy_ab	C	3			unit	Alphanumeric	Organization address gateway abbreviation
org_addr_gtwy_cd	C	2			unit	Alphanumeric	Organization address gateway code
org_addr_loc_tx	C	60			unit	Free form	Organization address location text
org_addr_zip_cd	C	9			unit	Alphanumeric	Organization address zip code
org_adr_state_ab	C	2			unit	Alphanumeric	Original address state abbreviation
org_id	C	6			individual	Alphanumeric.	Organization id
org_id	C	6			unit	Alphanumeric	Organization id
org_id	C	6			unit_phone	Alphanumeric	Organization id
org_tel_type_cd	C	1	N		unit_phone	Alphanumeric	Organization telephone type code
origin	C	12			ecps_tbl	Alphanumeric, cannot be blank.	Originator Number
othertag	C	4	N		a0999t	CIF software generated, cannot be blank.	Installation Identification Code of corresponding CIF.
owner	C	8			adhoc_tbl	Alphanumeric	Database Owner
pbograd	C	5			a0926t	Alphanumeric	Property Book Officer Grade
pbname	C	25			a0926t	Alphanumeric	Property Book Officer Name
pbophone	C	7			a0926t	Alphanumeric	Property Book Officer Telephone Number

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
pers_si_comp_cd	C	1			individual	Alphanumeric	Personal security investigation completion code
pers_si_comp_dt	C	8			individual	YYYYMMDD	Personal security investigation completion date
pers_si_init_cd	C	1			individual	Alphanumeric	Personal security investigation initiated code
pers_si_init_dt	C	8			individual	YYYYMMDD	Personal security investigation initiated date

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
perproc	N	6			a0926t	Numeric	Personnel Processed.
perspt	N	6			a0926t	Numeric	Personnel Supported.
phone	C	7	N		a0920t	Cannot be blank.	Telephone Number.
phone	C	13			ecps_tbl	Alphanumeric	Telephone Number.
pkg	N	6	N		ref_master	Cannot be blank, defaults to 0.	Unit Pack Quantity. The quantity contained in the unit pack.
poc	C	20			ecps_tbl	Alphanumeric	Point of cntact.
pri_lang_cd	C	2			individual	Alphanumeric	Primary language code.
pricde	C	2	N		a0901t	Values 01 through 15, cannot be blank.	Priority Code to identify the relative importance of completing demands.
price	N	10,2	N		nsn_master	Cannot be blank, defaults to 0.	Unit Price
printer_class	C	20			printer	Alphanumeric	Printer Classification
printer_class	C	20	N		printer_default	Alphanumeric, cannot be blank.	Printer Classification
printer_name	C	15	N		printer_default	Alphanumeric, cannot be blank.	Printer Name
printorder	N	12			adhoc_svdet	Numeric	Printer Order
priority	C	2	N		a0916t	01-15. Cannot be blank.	The priority assigned to the requisition.
priority	C	9			ecps_tbl	Alphanumeric, cannot be blank.	Priority of the Problem
pro_value	N	3,2	N		a0901t	Cannot be blank, defaults to 0.	Protection Value. A constant percentage (0% - 100%), applicable to main and all its annexes. The main PBO uses this value to protect a portion of available stock from automatic issue.
prob_date	C	10	N		ecps_tbl	YYYY/MM/DD, Cannot be blank	Problem Report Date
prob_descr	C	960			ecps_tbl	Alphanumeric	Problem Description
prob_title	C	66			ecps_tbl	Alphanumeric	Problem Title
prog_id	C	66			ecps_tbl	Alphanumeric	Program Identification

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
projcde	C	3			a0916t	Alphanumeric	Project Code
prom_indic_cd	C	1			mil_pers	Alphanumeric	Promotion indicator code
qpbs	N	8	N		a0903t	Cannot be blank, defaults to 0.	Quantity Possessed by Soldiers. The total number of the item which has been issued to members of installation units.

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
qty	N	6	N		transfer	Cannot be blank.	Quantity in transfer.
qty_rcvd	N	6	N		transfer	Cannot be blank.	Quantity received at the receiving CIF.
qty_recvd	N	6	N		a0910t	Cannot be blank, defaults to 0.	Quantity Received from Laundry/Maintenance/Classify - total received to date.
qty_sent	N	6	N		a0910t	Cannot be blank, defaults to 0.	Quantity Sent to Laundry/Maintenance/ Classify.
qtycanc	N	8	N		a0916t	Cannot be blank, defaults to 0.	Quantity Canceled. The quantity cancelled on this requisition to date.
qtyrcvd	N	8	N		a0916t	Cannot be blank, defaults to 0.	Quantity Received. The quantity received on this requisition to date.
qtyreq	N	8	N		a0916t	Cannot be blank, defaults to 0.	Quantity Requested. The quantity required on requisition (original request).
quantity	N	12	N		a0919t	Cannot be blank, defaults to 0.	Quantity reflected by the document.
quantity	N	6	N		a0999t	Cannot be blank, defaults to 0.	Quantity relected by the document.
query_id	N	12	N		adhoc_svdet	Cannot be blank.	Query Identification
query_id	N	12			adhoc_svsqry	Numeric	Query Identification
query_name	C	60	N		adhoc_svsqry	Alphanumeric, cannot be blank.	Query Name
rank	C	4	N		a0911t	Alphanumeric, cannot be blank.	Rank. The individual's rank abbreviation (military) or pay + grade (civilian).
rank	C	4	N		a0929t	Alphanumeric, cannot be blank.	Rank. The individual's rank abbreviation (military) or pay + grade (civilian).
rcptstat	C	1			a0916t	F, P, Z, or blank.	Receipt Status Code
F=Full Shipment/Receipt, P=Partial Shipment/Receipt, Z=Full Shipment/Receipt-on input from MRO from SAILS							
rcs	C	10			a0926t	Alphanumeric	Required Control Symbol
rcvd_dte	C	8			transfer	YYYYMMDD	Date Received
rdte	C	8	N		a0924t	YYYYMMDD, cannot be blank.	Return Date
rec_sol	C	480			ecps_tbl	Alphanumeric	Recommended Solution

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
rec_type	C	2			par_issw	Alphanumeric	Record Type
ref_no	C	6	N		a0902t	Cannot be blank or 0.	CIF assigned line number.
ref_no	C	6	N		a0914t	Cannot be blank or	CIF assigned lin number.

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
						0.	
ref_no	C	6	N		a0906t	Cannot be blank or 0.	Reference Number. CIF assigned line number.
ref_no	C	6	N		par_issw	Cannot be blank or 0.	CIF assigned reference line number.
ref_no	C	6	N		nsn_master	Cannot be blank or 0.	CIF assigned lin number.
ref_no	C	6	N		ref_master	Cannot be blank or 0.	CIF assigned lin number
remark	C	27			a0919t	Alphanumeric	Remarks
remark	C	27			a0999t	Alphanumeric	Remarks
remarks	C	10			a0916t	Alphanumeric	Contains variable data.
remarks	C	900			ecps_tbl	Alphanumeric	Remarks
rept_type	C	14	N		ecps_tbl	Alphanumeric, cannot be blank.	Report Type
ret_factor	N	3,2	N		a0901t	Cannot be blank, defaults to 2.	Retention Factor. A float between 0.0 and 2.0 to be multiplied by the RO in order to determine the retention level.
ric	C	3			a0901t	Alphanumeric	Routing Identifier Code
ricc	C	1	N		ref_master	0,2,3,6, or 8, cannot be blank.	Reportable Item Control Code. Used to identify items under asset report requirements (see AMDF).
rmks	C	25			a0903t	Alphanumeric	Remarks. A field for entry of various information.
sa_drmo	C	6			a0901t	Alphanumeric	Supplementary Address – DRMO.
sa_req	C	6			a0901t	Alphanumeric	Supplementary Address – Requisition.
sa_ssa	C	6			a0901t	Alphanumeric	Supplementary Address – SSA.
save_date	C	10			adhoc_svsqry	YYYY/MM/DD, Alphanumeric.	Save Date of Query.
sec_lang_cd	C	2			individual	Alphanumeric	Secondary language code
sel_code	C	1	N		a0905t	Values C, O, W, 6, or 7. Cannot be blank.	Select Code. Code related to MPC for Military personnel or “C” for civilians.
C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)							

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
sel_code	C	1	N		a0911t	Values C, O, W, 6, or 7. Cannot be blank.	Select Code. Select Code related to MPC for Military personnel or “C” for civilians.
C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)							

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
sel_code	C	1	N		a0929t	C,O,W,6, or 7. Cannot be blank.	Select Code. Code related to MPC for Military personnel or "C" for civilians.
C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)							
sel_code	C	1	N		a095st	Values C, O, W, 6, or 7. Cannot be blank.	Select Code. Code related to MPC for Military Personnel or "C" for civilians.
C = Civilian, O = Officer, W = Warrant Officer, 6 = Enlisted (E6 & below), 7 = Enlisted (E7 & above)							
sel_type	N	12			adhoc_svqry	Numeric	Selection Type
send_to	C	28			ecps_tbl	Alphanumeric	Send To Address.
sent_from	C	25			ecps_tbl	Alphanumeric	Send From Address.
sent_from2	C	25			ecps_tbl	Alphanumeric	Send From Address Line 2.
shipfrom1	C	23			a0901t	Alphanumeric	Ship from address for turn ins to SSA/DRMO (1348-1).
shipfrom2	C	23			a0901t	Alphanumeric	Ship from address for turn ins to SSA/DRMO (1348-1).
shipfrom3	C	23			a0901t	Alphanumeric	Ship from address for turn ins to SSA/DRMO (1348-1).
shiptod1	C	23			a0901t	Alphanumeric	Ship to address for turn ins to DRMO.
shiptod2	C	23			a0901t	Alphanumeric	Ship to address for turn ins to DRMO.
shiptod3	C	23			a0901t	Alphanumeric	Ship to address for turn ins to DRMO.
shiptos1	C	23			a0901t	Alphanumeric	Ship to address for turn in's to SSA.
shiptos2	C	23			a0901t	Alphanumeric	Ship to address for turn in's to SSA.
shiptos3	C	23			a0901t	Alphanumeric	Ship to address for turn in's to SSA.
short_nomen	C	20	N		ref_master	Alphanumeric. Cannot be blank.	The short nomenclature of the item. The first 10 positions identify the noun.
show	C	1			adhoc_tbl	Alphanumeric	Indicator which displays entries.
show_to_all	C	1			adhoc_svqry	Y or N	Indicator which displays entries.
sigcde	C	1			a0901t	A,B,C,D,J,K,L,M or W	Signal Code. Used as the ship-to address and bill-to point.
siz	C	5			a0914t	Alphanumeric	Size of authorized item.
siz	C	5			nsn_master	Alphanumeric	Size of authorized item.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
siz	C	5			par_issw	Alphanumeric	Size. Size of Authorized Item.
sized	C	1	N		ref_master	N – Non-Sized or S – Sized. Cannot be	Sized Code. Indicates whether the

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
						blank.	item is sized or non-sized.
sized	C	1	N		a0923t	N –Non-Sized S –Sized Cannot be blank.	Sized Code. Indicates whether the item is sized or non-sized.
so_date	C	8	N		a0909t	YYYYMMDD, cannot be blank.	Date of Summary of Operations Record.
sort_direct	C	4			adhoc_svdet	Alphanumeric	Sort Direction
sqty	N	8	N		a0903t	Cannot be blank, defaults to 0.	Quantity in Suspense. The total quantity of the item on open lateral transfers out and turn ins to SSA or DRMO.
statcde	C	2			a0916t	See DA PAM 710-2-1.	Supply Status. The latest supply status on the requisition.
station	N	2			a0902t	Values 01-99 or Blank. Numeric values only.	Station Code where item is located.
station_sort	C	1	N		a0901t	Y or N. Cannot be blank.	Station Sort Code indicates whether CIF issues by station.
stru_command_cd	C	2			unit	Alphanumeric	Structured command code
submit	C	1	N		ecps_tbl	Y or N. Cannot be blank.	Submitted for a remedy.
sumaarg	N	8	N		a0903t	CIF software generated.	Daily summary of administrative adjustments gain. The total quantity of AAR – Gains.
sumaarg	N	8	N		a0924t	CIF software generated.	Daily Quantity AAR – Gains.
sumaarl	N	8	N		a0903t	CIF software generated.	Daily summary of administrative adjustments loss. The total quantity of AAR – Losses.
sumaarl	N	8	N		a0924t	CIF software generated.	Daily Quantity AAR – Losses.
sumccl	N	8	N		a0903t	CIF software generated.	Daily summary of Cash Collection – Loss. The total quantity of cash collection-loss.
sumccl	N	8	N		a0924t	CIF software generated.	Daily Quantity Cash Collection - Loss.
sumdrms	N	8	N		a0903t	CIF software generated.	Daily summary of turn in to DRMO as Serviceable - total quantity of the item turned in to DRMO as serviceable.
sumdrms	N	8	N		a0924t	CIF software generated.	Daily Quantity turn in to DRMO - Serviceable. The daily total quantity of the item turned in to DRMO as serviceable.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
sumdrmu	N	8	N		a0903t	CIF software generated.	Daily summary of turn in to DRMO as Unserviceable. The



MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
							daily total quantity of the item turned in to DRMO as unserviceable.
sumdrmu	N	8	N		a0924t	CIF software generated.	Daily Quantity of turn in to DRMO – Unserviceable. The daily total quantity of the item turned in to DRMO as unserviceable.
sumdxg	N	8	N		a0903t	CIF software generated.	Daily Summary of Direct Exchange Gains. The daily total quantity of the item directly exchanged.
sumdxg	N	8	N		a0924t	CIF software generated.	Daily Director Exchange Quantity Gains. The daily total quantity of the item directly exchanged.
sumdxl	N	8	N		a0903t	CIF software generated.	Daily Summary of Direct Exchange Losses – total quantity of the item directly exchanged.
sumdxl	N	8	N		a0924t	CIF software generated.	Daily Direct Exchange Quantity – Losses. The daily total quantity of the item directly exchanged.
sumfoi	N	8	N		a0903t	CIF software generated.	Daily summary of Found on Installation. The daily total quantity of the item picked up as “found on installation.”
sumfoi	N	8	N		a0924t	CIF software generated.	Daily Found on Installation Quantity. The daily total quantity of the Item picked up as “Found on Installation”.
sumiarg	N	8	N		a0903t	CIF software generated.	Daily summary of inventory adjustments gain. The total quantity of IAR – Gains.
sumiarg	N	8	N		a0924t	CIF software generated.	Daily Quantity IAR - Gains.
sumiarl	N	8	N		a0903t	CIF software generated.	Daily summary of inventory adjustments loss. The total quantity of IAR - Losses.
sumiarl	N	8	N		a0924t	CIF software generated.	Daily Quantity IAR – Losses.
sumintg	N	8	N		a0903t	CIF software generated.	Daily summary of Intransit Gain. The total quantity of intransit gain.
sumintg	N	8	N		a0924t	CIF software generated.	Daily summary of Intransit Gain. The total quantity of intransit gain.
sumintl	N	8	N		a0903t	CIF software generated.	Daily summary of Intransit Loss. The total quantity of intransit loss.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
sumintl	N	8	N		a0924t	CIF software	Daily summary of Intransit Loss.

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
						generated.	The total quantity of intransit loss.
sumissu	N	8	N		a0903t	CIF software generated.	Daily summary of Issues. The total quantity of the item issued during the current cycle.
sumissu	N	8	N		a0924t	CIF software generated.	Daily Issue Quantity. The daily total quantity of the item issued to the individuals.
sumltin	N	8	N		a0903t	CIF software generated.	Daily Total Quantity Lateral Transfer In. The total quantity of Lateral Transfers In.
sumltin	N	8	N		a0924t	CIF software generated.	Daily Total Quantity Lateral Transfer In. The total quantity of Lateral Transfers In.
sumltot	N	8	N		a0903t	CIF software generated.	Daily summary of Lateral Transfers Out. The total quantity of Lateral Transfers Out.
sumltot	N	8	N		a0924t	CIF software generated.	Daily Total Quantity Lateral Transfer Out. The total quantity of Lateral Transfers Out.
summrec	N	8	N		a0903t	CIF software generated.	Daily Quantity of Receipts Posted – Requisitions. The total quantity of the item received from SSA.
summrec	N	8	N		a0924t	CIF software generated.	Daily Quantity of Receipts Posted – Requisitions. The total quantity of the item received from SSA.
sumrsl	N	8	N		a0903t	CIF software generated.	Daily Quantity of Report of Survey – Loss.
sumrsl	N	8	N		a0924t	CIF software generated.	Daily summary of Report of Survey – Loss.
sumscl	N	8	N		a0903t	CIF software generated.	Daily summary of Statement of Changes – Loss. The total quantity of statement of charges loss.
sumscl	N	8	N		a0924t	CIF software generated.	Daily Quantity Statement of Changes – Loss.
sumssas	N	8	N		a0903t	CIF software generated.	Daily summary of Turn In to SSA as Serviceable – total quantity of the item turned in to SSA as serviceable.
sumssas	N	8	N		a0924t	CIF software generated.	Daily Quantity of Turn In to SSA – Serviceable. The total quantity of the item turned in to SSA as serviceable.
sumssau	N	8	N		a0903t	CIF software generated.	Daily summary of Turn In to SSA as Unserviceable - total quantity of the item turned in to SSA as unserviceable.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
sumssau	N	8	N		a0924t	CIF software generated.	Daily Quantity of Turn In to SSA – Unserviceable. The total quantity of the item turned in to SSA as unserviceable.
sumtrns	N	8	N		a0903t	CIF software generated.	Daily summary of Turn In. The total quantity of the item turned in by soldiers clearing.
sumtrns	N	8	N		a0924t	CIF software generated.	Daily Turn In Quantity. The daily total quantity of the item turned in by the individuals.
supply_status	C	80	N		a0918t	Cannot be blank.	Status Cards coming back from SAILS.
sys_adm	C	1	N		security	0,1,2,3,4,5,6, or 9. Cannot be blank.	System Administrator
0 – Functional administrator; 1 – Main Property Book Officer (PBO) at own Main; 2 – Main User at own Main; 3 – Annex User at own Main; 4 - Main PBO at own Annex; 5 – Main User at own Annex 6 - All others 9 – Developer (logname: cif)							
table_name	C	18			adhoc_tbl	Alphanumeric	Table Name
table_name	C	18			linked_tbl	Alphanumeric	Table name
tabname	C	18	N		max_id	Alphanumeric, cannot be blank.	Tab Name
tag	C	4	N		a0901t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0902t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0903t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0904t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0905t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0906t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0907t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0909t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0910t	CIF software generated, cannot be blank.	Installation Identification Code

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
tag	C	4	N		a0911t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0912t	CIF software generated, cannot be blank.	Installation Identification Code where the item was originally issued.
tag	C	4	N		a0913t	CIF software Generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0914t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0915t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0916t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0917t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0918t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0919t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0920t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0921t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0922t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0923t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0924t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a0926t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		a095st	CIF software generated, cannot be blank.	Installation Identification Code

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
tag	C	4	N		a0999t	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		items_disposed	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4			mwo	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		par_issw	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		printer	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		printer default	CIF software generated, cannot be blank.	Installation Identification Code
tag	C	4	N		security	CIF software generated, cannot be blank.	Installation Identification Code
tariff	N	6	N		a0903t	0-1000. Defaults to 0, cannot be blank.	Tariff. Amount ordered broken down by sizes.
tiqty	N	6	N		a0915t	Cannot be blank, defaults to 0.	Turn In Quantity. Quantity individual turned in.
title	C	20			ecps_tbl	Alphanumeric	Title of Problem
to_supply	C	80	N		a0917t	Cannot be blank.	Supply Requisition Transaction.
toaddr	C	35			a0926t	Alphanumeric	To address.
toaddr1	C	35			a0926t	Alphanumeric	To address – Line 1.
toaddr2	C	35			a0926t	Alphanumeric	To address – Line 2.
toaddr3	C	35			a0926t	Alphanumeric	To address – Line 4.
total_value	N	16,2	N		a0919t	Cannot be blank, defaults to 0.	Dollar value for transaction. (Total_value – Quantity Unit_price of item)
total_value	N	16,2	N		a0999t	Cannot be blank, defaults to 0.	Dollar value for transaction (Total_value – Quantity Unit_price of item).
trans_dte	C	8			transfer	YYYYMMDD	Date of Transmission

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
transcde	C	3	N		a0919t	Alphanumeric, cannot be blank.	Transaction Code. Indicates type of transaction.
<b>TRANSACTION CODES:</b> S/C – Statement of Charges      D/X – Direct Exchange      FOI – Found on Installation      C/C – Cash Collection BDX – Bulk Direct Exchange      SSA – Turn In to SSA      R/S – Report of Survey      C/T – Complete Turn In DRM – Turn In to DRMO      I/I – Initial Issue      P/T – Partial Turn in      IAR – Inventory Adjustment Report A/I – Additional Issue      LTO – Lateral Transfer Out      AAR – Administrative Adjust Rec D/I – Due Out Issue LTI – Lateral Transfer In      FAI – Foreign Additional Issue      FDI – Foreign Due Out Issue      FDX – Foreign Direct Exchange FPT – Foreign Partial Issue							
transcde	C	3	N		a0999t	Alphanumeric, cannot be blank.	Transaction Code. Indicated type of transaction that occurred.
<b>TRANSACTION CODES:</b> S/C – Statement of Charges      D/X – Direct Exchange      FOI – Found on Installation      C/C – Cash Collection BDX – Bulk Direct Exchange      SSA – Turn In to SSA      R/S – Report of Survey      C/T – Complete Turn In DRM – Turn In to DRMO      I/I – Initial Issue      P/T – Partial Turn in      IAR – Inventory Adjustment Report A/I – Additional Issue      LTO – Lateral Transfer Out      AAR – Administrative Adjust Rec D/I – Due Out Issue LTI – Lateral Transfer In      FAI – Foreign Additional Issue      FDI – Foreign Due Out Issue      FDX – Foreign Direct Exchange FPT – Foreign Partial Issue							
transtype	C	1	N		a0910t	L-Laundry, M-Maintenance Cannot be blank.	Transaction Type
trf	C	1			a0906t	Y or blank. Y- Transferable or Blank – Not Transferable.	Transfer Code. Identifies those Items which are Authorized to be transferred with the individual (see CTA 50-9000, Appendix H).
trf	C	1			a0912t	Y – Transferable or Blank – Not Transferable.	Transfer Code. Identified those items which are authorized to be transferred with the individuals (See CTA 50-9000, Appendix H).
trf	C	1			a0914t	Y – Transferable or Blank = Not Transferable.	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-9000, Appendix H).
trf	C	1			a0925t	Y or Blank.	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-9000, Appendix H).
trf	C	1			par_issw	Y or Blank.	Transfer Code. Identifies items authorized to be transferred with the individuals (See CTA 50-900 Appendix H).
ts	N	8	N		a0902t	Cannot be blank, defaults to 0.	Troop Strength
turned_in_flag	C	1			a0912t	Y or Blank.	Identifies items turned in during partial turn-in.
turned_in_flag	C	1	N		a0925t	Alphanumeric	Turned in Flag. Indicates item turned in during partial turn-in.
turned_in_flag	C	1			par_issw	Y or Blank.	Turned in Flag. Indicates items turned in during partial turn-in.

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
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MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
type_issue	C	1	N		a0911t	R, P, or M. Cannot be blank.	Type Issue Processed Flag - indicates how individual was in-processed through the CIF system.
R=Initial/Reception, P=Preload Trainee, M=Manual Clothing							
type_issue	C	1	N		a0929t	R, P, or M. Cannot be blank.	Type Issue Processed Flag - indicated how individual was in-processed throughout the CIF system
R=Initial/Reception, P=Preload Trainee, M=Manual Clothing							
type_turnin	C	1			a0911t	E, P, or Blank. E = ETS; P = PCS	Type Turn In Processed Flag - indicates which type of turn-in was last processed for the individual.
type_turnin	C	1			a0929t	E=ETS, P=PCS or blank	Type Turn In Processed Flag - indicates which type of turn-in was last processed for the individual.
ui	C	2	N		ref_master	Alphanumeric, cannot be blank.	Unit of Issue
uic	C	6	N		a0905t	Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
uic	C	6	N		a0911t	Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which an individual is assigned.
uic	C	6			a0919t	Alphanumeric	Unit Identification Code. A code identifying the unit to which the individual is assigned.
uic	C	6	N		a0920t	Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
uic	C	6	N		a0929t	Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
uic	C	6	N		a095st	Alphanumeric, cannot be blank.	Unit Identification Code. A code identifying the unit to which the individual is assigned.
uic	C	6			a0999t	Alphanumeric	Unit Identification Code. A code identifying the unit to which the individual is assigned.
un_descr_dsg_id	C	2	N		a0904t	Alphanumeric, cannot be blank.	Unit Designator Code.
un_descr_dsg_id	C	2			individual	Alphanumeric	Unit descriptive designator id.
un_descr_dsg_id	C	2	N		unit	Alphanumeric	Unit descriptive designator id
un_descr_dsg_id	C	2	N		unit_phone	Alphanumeric	Unit descriptive designator id
un_office_sym	C	16			unit	Alphanumeric	Unit office symbol

**CROSS REFERENCE TABLE (continued)**

MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
un_porg_dsg_id	C	3	N		a0904t	Alphanumeric, cannot be blank.	Unit Parent Organization Designator Identification.
un_porg_dsg_id	C	3			individual	Alphanumeric	Unit parent organization designator id.
un_porg_dsg_id	C	3	N		unit	Alphanumeric	Unit parent organization designator id
un_porg_dsg_id	C	3	N		unit_phone	Alphanumeric	Unit parent organization designator id
un_svc_dsg_cd	C	1	N		a0904t	Alphanumeric, cannot be blank	Unit Service Designator Code
un_svc_dsg_cd	C	1			individual	Alphanumeric	Unit service designator code
un_svc_dsg_cd	C	1	N		unit	Alphanumeric	Unit service designator code
un_svc_dsg_cd	C	1	N		unit_phone	Alphanumeric	Unit service designator code
unit_name	C	30			a0904t	Alphanumeric	Unit Name
unit_name	C	30			unit	Free form	Unit name
user_id	C	8	N		ecps_tbl	Alphanumeric	User Identification
user_id	C	8			adhoc_svqry	Alphanumeric, cannot be blank.	User Identification
user_id	N	10	N		security	Numeric, cannot be blank.	User Identification
username	C	14	N		printer default	Alphanumeric, cannot be blank.	User Name
value	C	32			adhoc_svdet	Alphanumeric.	Values
voucher	C	14			a0919t	Alphanumeric	Voucher Number for LTO, and LTI. Voucher/document number including dodaac.
voucher	C	14			a0999t	Alphanumeric	Voucher Number of LTO, and LTI.
whse1	C	5			a0903t	Alphanumeric.	Warehouse Location 1. The warehouse location for stockage of the item (building, row, bin).
whse10	C	5			a0903t	Alphanumeric	Warehouse Location 10. Same as warehouse location prime.
whse2	C	5			a0903t	Alphanumeric	Warehouse Location 2. Same as warehouse location prime.
whse3	C	5			a0903t	Alphanumeric	Warehouse Location 3. Same as warehouse location prime.
whse4	C	5			a0903t	Alphanumeric	Warehouse Location 4. Same as warehouse location prime.
whse5	C	5			a0903t	Alphanumeric	Warehouse Location 5. Same as warehouse location prime.
whse6	C	5			a0903t	Alphanumeric	Warehouse Location 6. Same as warehouse location prime.

**CROSS REFERENCE TABLE (continued)**



MNEMONIC	TYP	LEN	NUL	REQ	TABLE	RANGE	DESCRIPTION
whse7	C	5			a0903t	Alphanumeric	Warehouse Location 7. Same as warehouse location prime.
whse8	C	5			a0903t	Alphanumeric	Warehouse Location 8. Same as warehouse location prime.
whse9	C	5			a0903t	Alphanumeric	Warehouse Location 9. Same as warehouse location prime.
wo_asi_cd	C	2			wo_occ_spec	Alphanumeric	Warrant Officer ASI code
wo_mos_id	C	4			wo_occ_spec	Alphanumeric	Warrant Officer MOS id
wo_sqi_cd	C	1			wo_occ_spec	Alphanumeric	Warrant Officer SQI code